

RIDGID

Catalog
No. RT-165



RIDGID

Pre-Tested Work Saver Tools

The Ridge Tool Company, 400 Clark St., Elyria, Ohio 44035, U.S.A.

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Parts and Repairs

Parts Catalogs On RIDGID Work Saver Tools Or Machines Furnished On Request:

These manuals illustrating parts for Hand Tools and Machines are available on request. Use these Parts Manuals, which cover all tools listed in this catalog, for ordering the exact parts wanted. Be sure and give model number and size of tool for which the part is being ordered, as well as any other data that will help us avoid error in filling the order. Estimates on repairs and prices on repair parts will be gladly furnished upon receipt of tool at our factory. Return all tools by prepaid transportation.

Additional Literature Available On Request:

Machinists' and Woodworkers' Vise Catalog; RIDGID / Supreme Drill Chuck and Power Tool Equipment Catalog; Direct Mail Stuffers.

RIDGID Straight Pipe Wrenches

Ten Sizes, 6" through 60"

These, the world's most popular pipe wrenches, are known for the brutal punishment they can take because of their extra, built-in toughness. Before shipment every wrench is work tested. Housings are guaranteed not to break or warp. Replaceable jaws are made of hardened tool steel. Full-floating hook jaw assures instant grip... easy release. Patented spring suspension eliminates chance that jaws could jam or lock on pipe. Handy pipe scale and large, easy-to-spin adjusting nut give fast, one-hand setting to pipe size. Comfort-grip, malleable iron I-beam handle has convenient hang-up hole.

RIDGID Aluminum Handle Straight Pipe Wrenches



Six Sizes, 10" through 48"



Aluminum handles make these new RIDGID heavy-duty straight pipe wrenches almost 40% lighter than similar wrenches with malleable iron handles. Housings are guaranteed not to break or warp. Jaws and other parts are identical to those of other RIDGID pipe wrenches described on this page... offer the same durability and ease of use.

RIDGID End Pipe Wrenches

Eight Sizes, E-6" through E-36"



Designed with an offset jaw, these RIDGID End-Pattern Wrenches assure a faster, easier-to-get grip and a longer handle swing when used for pipe work close to a wall, in tight quarters or on closely spaced parallel lines. You'll get all the regular quality features, including guaranteed housings, that have made the RIDGID Straight Pipe Wrenches famous, the first choice of pipe pros all over the world.

RIDGID Raprench

10" Size Only



This RIDGID Raprench has a special hook jaw housing that is deeper and broader to create a smooth, flat surface. This broad surface plus added head weight makes the Raprench ideal for occasional hammering use. As a wrench, it offers all the same outstanding qualities found in all RIDGID Heavy-Duty Wrenches.

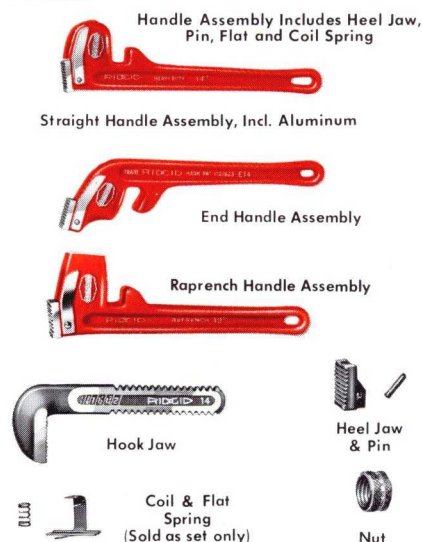


RIDGID Straight & End Pipe Wrenches

Straight	End	Capacity	Wt. lbs. each	Wt. lbs. 6 to Box	Aluminum Handle Straight (See column at left for capacities)		
					Wrench No.	Wt. lbs. each	Wt. lbs. 6 to Box
6"	E-6"	3/4"	1/2	2 1/2			
8"	E-8"	1"	3/4	5 1/4			
10"	E-10"	1 1/2"	1 3/4	11	810 (10")	1	6 1/4
12"	E-12"	2"	2 3/4	17			
14"	E-14"	2"	3 1/2	22 1/4	814 (14")	2 1/3	14 1/2
18"	E-18"	2 1/2"	5 3/4	35 3/4	818 (18")	3 2/3	22 3/4
24"	E-24"	3"	9 3/4	59 1/2	824 (24")	6	37
36"	E-36"	5"	19		836 (36")	11	
48"		6"	34 1/4		848 (48")	18 1/2	
60"		8"	51 1/4				
10" Raprench		1 1/2"	1 7/8	11 3/4			

Wrenches packed 6 to a box in sizes 6" through 24"; larger sizes individually wrapped

RIDGID Pipe Wrench Parts





RIDGID Aluminum Handle Offset Pipe Wrenches

Three Sizes: 14", 18" and 24"

Featuring a jaw opening parallel to lightweight aluminum handle, these wrenches are almost 50% lighter, but just as strong as regular RIDGID Wrenches of the same size. Housing is guaranteed not to break or warp. Hook jaw head is narrower to give easy entry into tight spots. Combination of light aluminum handle and forward facing jaw makes overhead or tight quarter work fast and easy. Adjusting nut turns easily for fast size adjustment. Jaws are made of strong, alloy tool steel, then hardened.

Wrench Size	Capacity	Wt. lbs. each	Wt. lbs. 6 to Box
14"	1/8" through 2"	1 3/4	12 1/4
18"	1/4" through 2 1/2"	3 1/2	22 1/2
24"	1/4" through 3"	5 3/4	37 1/4



RIDGID Heavy-Duty Chain Wrenches

The unique design of these rugged wrenches makes it easy to work in extra close quarters. Fast ratchet-like action lets you work from either side. Hardened tool steel jaws are replaceable. Tempered steel chain is held securely in double lock grips for extra dependability. The C-14 features extra heavy chain. Comfort-grip handle has handy hang-up hole. Chain wrenches are traditionally rated by handle length but knowledgeable users appreciate the actual 5" pipe capacity.

Wrench	Rated Capacity	Actual Capacity	Chain Length	Wt. lbs. Each
No. C-14	2"	5"	18 9/16"	2 3/4
No. C-18	2 1/2"	5"	20 1/4"	6



RIDGID Light-Duty Chain Wrench

Here's an extra-handly, lightweight utility chain wrench. Double-jaw gives fast, ratchet-like action in either direction. Flexible chain slips through tightest quarters. You get a tight grip on all shapes without crushing. Locking and releasing are quick and easy with handy grab ring. One-piece forged alloy steel handle and jaw are nickel-chrome plated. This tool has an actual capacity equal to other chain wrenches with similar chain length.

Wrench	Rated Capacity	Actual Capacity	Chain Length	Wt. lbs. Each
No. C-12	2"	4"	15 3/4"	1 3/4

RIDGID Strap Wrenches



Three Sizes: 1/8" through 5"

These are ideal wrenches when you're working with any polished pipe. Sturdy, woven nylon strap gives you a tight grip but will not mar the finish. Strap adjustment is fast and easy. Head and I-beam handle are one solid piece. Strap easily replaced.

Wrench	Strap Width	Capacity	Wt. lbs. Each
No. 1	1/2"	1/8" through 2"	1 1/4
No. 2	1 1/8"	1/8" through 2"	1 3/4
No. 5	1 3/4"	1" through 5"	2

Replacement Straps:

No. 1 Width and Length 1/2" x 17"
 No. 2 Width and Length 1 1/8" x 17" —extra length 30"
 No. 5 Width and Length 1 3/4" x 29 1/4" —extra length 48"
 Extra length straps without loop on request.



RIDGID Compound Leverage Pipe Wrenches

Four Sizes: 2" through 8"

Here's a wrench that lets one man do the work of two. Short handle makes it easy to get at frozen joints even in tight quarters. Leverage is doubled as hook jaw turns pipe one way, while offset chain trunnion exerts pressure the opposite way. Correct placement of trunnion lets you tighten or loosen right or left hand threaded joints . . . with pipe on either side of fitting. Replaceable jaws are hardened alloy tool steel.

Wrench	Capacity	Wt. lbs. each	Wrench	Capacity	Wt. lbs. each
No. S-2	2"	7 1/4	No. S-6A	6"	45 1/2
No. S-4A	5"	33 1/2	No. S-8A	8"	68 1/2

RIDGID Improved Stillson Pipe Wrenches



Eight Sizes: 6" through 48"

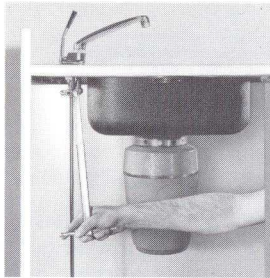
If you prefer a Stillson Wrench, here is the finest made. Handle and full-floating hook jaw are made of special heat-treated steel. Handy pipe scale on hook jaw speeds size setting. Located in the frame, cone-coil safety spring for hook jaw replaces exposed flat spring. Handle has hang-up hole.

Wrench Size	Capacity	Wt. lbs. each	Wt. lbs. 6 to Box	Wrench Size	Capacity	Wt. lbs. each	Wt. lbs. 6 to Box
6"	3/4"	5/16	2	18"	2"	4 1/4	26 1/2
8"	3/4"	5/8	4 1/4	24"	2 1/2"	7 5/8	47 1/4
10"	1"	1 1/2	8 1/2	36"	3 1/2"	14 3/4	
14"	1 1/2"	2 3/4	17 1/4	48"	6"	23 1/4	

RIDGID Basin Wrenches



- A) RIDGID No. 1010 Basin Wrench Has Solid 10" Shank
B) RIDGID No. 1017 Basin Wrench Has Telescopic Shank for 4 Lengths from 10" through 17" .



Forged alloy jaws are spring loaded to grip up to $\frac{3}{4}$ " nuts, $\frac{1}{8}$ " through 1" pipe and $\frac{3}{8}$ " through $1\frac{5}{16}$ " tube. You get fast, one-hand, ratcheting operation in tight spots. Tension plug holds head in any position up to 90° angle. Handle and shank are chrome plated. Stainless steel spring

assures firm grip after positioning jaw on nut, pipe or tube. Telescopic shank on No. 1017 is quickly adjusted to desired length and held there by spring loaded pin.

No.	Length	Capacity	Wt. Lbs. Each
1010	10"	Up through $\frac{3}{4}$ " Nuts	$1\frac{3}{4}$
1017	10"-17"	$\frac{1}{8}$ " through 1" Pipe $\frac{3}{8}$ " through $1\frac{5}{16}$ " Tube	2

RIDGID Adjustable Wrenches



Eight Sizes: 4" through 24"

These adjustable wrenches are made of special alloy steel, then selective induction hardened for extra toughness and long service life. Thin head design speeds work in close quarters. Chrome plated finish stays bright and new looking for years. Design allows fast, easy, one-hand adjustment. When properly tightened on nut, jaw will not slip. Comfort-grip, I-beam handle has handy hang-up hole.

Wrench Number		Size	Capacity	Wt. Lbs. Each
Chrome	Black			
704	904	4"	$\frac{1}{2}$ "	$\frac{1}{8}$
706	906	6"	$\frac{3}{4}$ "	$\frac{1}{4}$
708	908	8"	$\frac{15}{16}$ "	$\frac{1}{2}$
710	910	10"	$1\frac{1}{8}$ "	$\frac{3}{4}$
712	912	12"	$1\frac{5}{16}$ "	$1\frac{1}{2}$
715	915	15"	$1\frac{11}{16}$ "	$3\frac{1}{4}$
718	918	18"	$2\frac{1}{16}$ "	$5\frac{1}{8}$
724	---	24"	$2\frac{1}{2}$ "	$9\frac{1}{4}$

RIDGID Straight and End Hex Wrenches



Straight:
Six Sizes: $\frac{3}{16}$ " through 3"
Nut Capacity



End:
Three Sizes: $\frac{3}{8}$ " through 2"
Nut Capacity

Hex jaw design gives multi-sided, non-slip grip on all hex and square nuts, unions, valve packing nuts and even flathead gas cocks. Smooth jaws won't mar plated finish. Offset jaw of end wrench is ideal for work close to walls or in tight quarters. Guaranteed housing.

Straight Hex Wrenches

No.	Nut Capacity	Max Jaw Opening Across Flats	Wt. lbs. Each	Wt. lbs. 6 to Box
9	$\frac{3}{16}$ " through $\frac{5}{8}$ "	$1\frac{1}{16}$ "	$\frac{3}{4}$	$4\frac{1}{2}$
11	$\frac{3}{8}$ " through $\frac{3}{4}$ "	$1\frac{1}{4}$ "	$1\frac{1}{4}$	$8\frac{1}{2}$
15	$\frac{1}{4}$ " through 1"	$1\frac{3}{4}$ "	3	18
17	$\frac{5}{8}$ " through $1\frac{1}{4}$ "	$2\frac{1}{2}$ "	$4\frac{1}{2}$	$26\frac{1}{2}$
25	1" through 2"	$3\frac{1}{2}$ "	$8\frac{3}{4}$	$52\frac{1}{2}$
35	$1\frac{1}{4}$ " through 3"	$4\frac{7}{8}$ "	18	

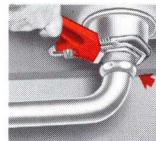
End Hex Wrenches

No.	Nut Capacity	Max Jaw Opening Across Flats	Wt. lbs. Each	Wt. lbs. 6 to Box
E-11	$\frac{3}{8}$ " through $\frac{3}{4}$ "	$1\frac{1}{4}$ "	$1\frac{1}{2}$	$9\frac{1}{2}$
E-17	$\frac{5}{8}$ " through $1\frac{1}{4}$ "	$2\frac{1}{2}$ "	$4\frac{1}{2}$	$27\frac{1}{2}$
E-25	1" through 2"	$3\frac{1}{2}$ "	9	53



RIDGID No. E-110 Offset Hex Wrench

Handles Up Through $1\frac{1}{2}$ " Drain Nuts



Extra-wide-opening offset jaw gives easy-on, nonslip grip on sink and tub drain nuts... all other hard-to-get-at nuts and fittings. Thin, smooth jaws slip into tightest places... won't scratch chrome finish. Short handle makes work easy in close quarters. Multi-sided grip allows extra leverage... no more bruised knuckles.

No.	Nut Capacity	Max Jaw Opening Across Flats	Wt. lbs. Each	Wt. lbs. 6 to Box
E-110	Up thru $1\frac{1}{2}$ " Drain Nuts	$2\frac{5}{8}$ "	$1\frac{1}{2}$	10

RIDGID Spud Wrench, 12"



Here's a handy utility monkey wrench with rugged construction. Narrow jaws fit into tight quarters. Hook jaw is drop forged, then heat treated. Wt. $2\frac{1}{2}$ lbs.

RIDGID Exposed Ratchet Drop Head Threaders



No. 00-R: 1/8" through 1" No. 111-R: 1/8" through 1 1/4"
No. 12-R: 1/8" through 2"

Here's the most economical answer to your low volume threading needs. Die heads lock into ratchet and handle assembly... can't fall out. Heads are easily removed when reversible ratchet knob is pulled out. Dies can be removed from head and reversed for close-to-wall threading. Handy carrier that holds all heads and handle assembly together is free with all sets except No. 12-R. *NPSM straight thread dies are available. See "Note" at bottom of page.

No. 00-R

Capacity	Wt. lbs.	Capacity	Wt. lbs.
1/2" through 3/4"	7 1/2	1/4" through 3/4"	10
1/2" through 1"	10	1/4" through 1"	12 1/2
3/8" through 3/4"	9	1/8" through 3/4"	11 1/4
3/8" through 1"	11 1/4	1/8" through 1"	13 3/4

No. 111-R

Capacity	Wt. lbs.	Capacity	Wt. lbs.
1/2" through 1"	13	1/4" through 1"	16 3/4
1/2" through 1 1/4"	16	1/4" through 1 1/4"	19 3/4
3/8" through 1"	15	1/8" through 1"	18 3/4
3/8" through 1 1/4"	18	1/8" through 1 1/4"	21 3/4

No. 12-R

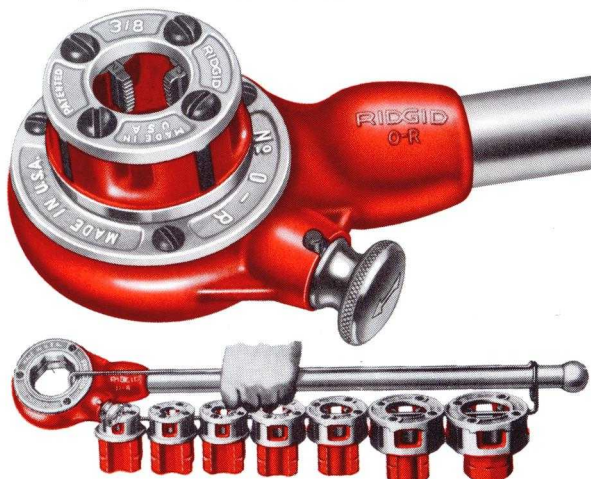
Capacity	Wt. lbs.	Capacity	Wt. lbs.
1/2" through 1 1/4"	23 3/4	3/8" through 2"	38 3/4
1" through 2"	27	1/4" through 2"	42 1/4
3/4" through 2"	30 3/4	1/8" through 2"	45 1/2
1/2" through 2"	34 3/4		

Wire carrier not available for 12-R sets

***NOTE:** Unless otherwise specified standard tapered pipe dies will be furnished for conduit. Conduit thread has the same standard specifications as tapered pipe thread. Such dies are marked NPT (American National Tapered Pipe Thread).

When straight conduit threads are required, specify dies for Straight Pipe Threads. Dies are marked NPSM (American National Straight Threads for Mechanical Joints).

RIDGID Enclosed Ratchet Drop Head Threaders



No. 0-R: 1/8" through 1" No. 11-R: 1/8" through 1 1/4"

Enclosed ratchet design keeps chips out... gives these threaders extra-smooth and easy action. Arrow on ratchet knob indicates direction of reversible ratchet. Die heads snap in from either side and push out easily for fast changing... can't fall out. Dies can be reversed in heads for close-to-wall threading. Wire carrier is free with both sets. *NPSM straight thread dies are available. See "Note" at bottom of left hand column.

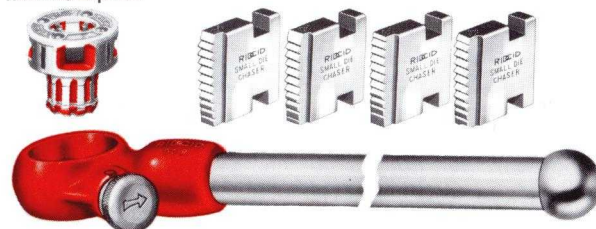
No. 0-R

Capacity	Wt. lbs.	Capacity	Wt. lbs.
1/2" through 3/4"	8	1/4" through 3/4"	10 1/4
1/2" through 1"	10 1/2	1/4" through 1"	12 1/2
3/8" through 3/4"	9 1/4	1/8" through 3/4"	11
3/8" through 1"	11 1/2	1/8" through 1"	13 1/2

No. 11-R

Capacity	Wt. lbs.	Capacity	Wt. lbs.
1/2" through 1"	13	1/4" through 1"	16
1/2" through 1 1/4"	16	1/4" through 1 1/4"	18 3/4
3/8" through 1"	14 1/2	1/8" through 1"	17
3/8" through 1 1/4"	17 1/4	1/8" through 1 1/4"	20

Die Heads Complete With Dies, Drop Head Threader Dies and Ratchet and Handle Complete.



Please see RIDGID Price List for complete selection of alloy, high speed and special dies for Stainless Steel, RH or LH, Die Heads complete... Ratchet and Handles complete. Dies used in RIDGID Drop Head and 3-Way Threaders are interchangeable size for size.

Alloy Pipe Dies for copper or brass. (Specify red or yellow brass).

Combinations not listed above are available, but not packaged in sets.

For Replacement Parts See RIDGID Hand Tool Parts Catalog

RIDGID Thread Cutting Oil — See Page 21

RIDGID OO-RB Bolt Threaders



Die heads lock in quickly, won't fall out. Easy adjustment for oversize and undersize thread. Button dies easily changed or reversed to thread close to bolt shoulder or head. Dies of special tool steel, precision cut. Die Heads fit RIDGID OO-R Ratchet and Handle only. National Coarse or Fine threads. Left Hand Dies available.

OO-RB Threader

Wt. lbs.

Complete $\frac{1}{4}$ " through 1" with 16th sizes (10 heads with Ratchet and Handle). Right Hand 20

OO-RB Threader

Complete $\frac{1}{4}$ " through 1" less 16th sizes (7 heads with Ratchet and Handle). Right Hand 16



RIDGID OO-R Ratchet and Handle Complete
(Takes OO-RB Heads)

RIDGID 3-Way Pipe Threaders



Two Sizes: For $\frac{3}{8}$ " through 1" Pipe and Conduit

These sturdy threaders are instantly ready to cut any of 3 popular sizes of threads. Each die set is locked in place... can't get lost. Dies can be reversed for close-to-wall threading. Guide keeps threader straight for true threads every time. Two handles make threading easier. Specify pipe, conduit, or straight NPSM dies.

Sizes	Wt. lbs.
No. 30-A $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ "	8 $\frac{1}{4}$
No. 31-A $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1"	10
DIES ONLY, $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1"	

All Dies for 30-A and 31-A are interchangeable with O-R, OO-R, 11-R, 111-R and 12-R Dies, size for size.

RIDGID Thread Cutting Oil — See Page 21.

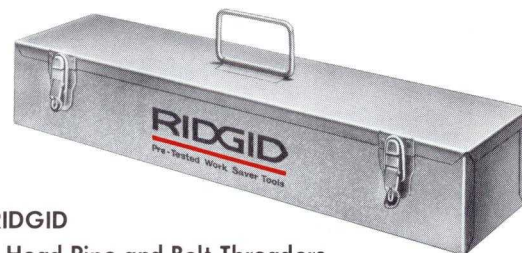
RIDGID 3-Way Bolt Threaders



Handy for threading common sizes of bolts or rod. Four combinations (see table below). Special steel button dies easily removed—long cutting life and trouble-free service. Adjustable for over or under size threads.

Sizes		Wt. lbs.
No. 31-B $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ "	(NC or NF)	2 $\frac{3}{4}$
No. 33-B $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ "	(NC or NF)	4 $\frac{1}{4}$
No. 35-B $\frac{1}{2}$ ", $\frac{7}{8}$ ", $\frac{5}{8}$ "	(NC or NF)	4 $\frac{3}{4}$
No. 37-B $\frac{3}{4}$ ", $\frac{7}{8}$ ", 1"	(NC or NF)	5

RIDGID Metal Carrying Case



For RIDGID

Drop Head Pipe and Bolt Threaders

Handy carrying case, sturdily built of rust-resistant steel. Handy for keeping small die heads and handles where you can find them, for

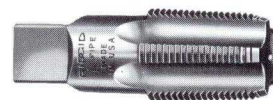
OO-R and O-R— $\frac{1}{8}$ " through 1" Threaders Wt. 7 $\frac{1}{2}$

111-R and 11-R— $\frac{1}{8}$ " through 1 $\frac{1}{4}$ " Threaders Wt. 7 $\frac{3}{4}$

12-R — $\frac{1}{2}$ " through 2" Threaders Wt. 13

OO-RB — $\frac{1}{4}$ " through 1" Bolt Threaders Wt. 7 $\frac{1}{2}$

RIDGID Pipe Taps



Carbon Steel Only — Right Hand

Made of special carbon tool steel, taps are available with American Standard (N.P.T.) right hand taper pipe threads.

Sizes	Threads Per Inch	Shipping Wt. pounds
No. E-5112 for $\frac{1}{8}$ "	27	1 oz.
No. E-5113 for $\frac{1}{4}$ "	18	1 $\frac{3}{4}$ oz.
No. E-5114 for $\frac{3}{8}$ "	18	3 oz.
No. E-5115 for $\frac{1}{2}$ "	14	3 $\frac{3}{4}$ oz.
No. E-5116 for $\frac{3}{4}$ "	14	7 $\frac{1}{2}$ oz.
No. E-5117 for 1"	11 $\frac{1}{2}$	14 oz.
No. E-5118 for 1 $\frac{1}{4}$ "	11 $\frac{1}{2}$	1 $\frac{1}{4}$ lbs.
No. E-5119 for 1 $\frac{1}{2}$ "	11 $\frac{1}{2}$	1 $\frac{3}{4}$ lbs.
No. E-5120 for 2"	11 $\frac{1}{2}$	3 $\frac{1}{4}$ lbs.

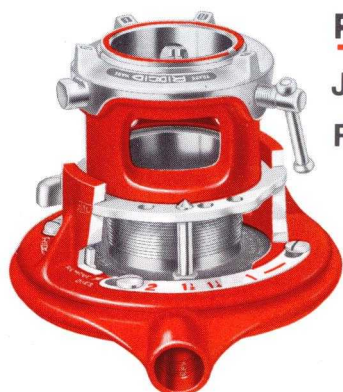


RIDGID No. 65R-TC Jam-Proof Ratchet Threader

With True-Centering
Workholder

New foolproof True-Centering Workholder — sets instantly, flip of lever tightens all three jaws together — true threads even on over-or-under size pipe. Easy adjustment for drip threads. Threads 1", 1 1/4", 1 1/2" and 2" pipe with one set of High-Speed Dies — sets to correct size in 8 seconds. Jam-proof — kicks out automatically — no watching. Right hand only.

No. 65R-TC Threader, complete with 1 set of High Speed Dies	Wt. lbs. 27
No. 65DR-TC Same as above with 2 handles	30
No. 65R-TC Threader, complete with 1 set of SD-123 Dies for J.M. Chemtite Pipe	27



RIDGID No. 65R-C Jam-Proof Ratchet Threader

With Cam-Type
Workholder

Perfect threads, fast and easy on 1", 1 1/4", 1 1/2", 2" pipe, with 1 set of High Speed Dies that stay in threader. Jam-proof drive pawl

kicks out after thread is cut. Cam-type workholder sets to pipe size instantly; takes 2" couplings to thread 2" close nipples. Every 65R factory-tested. Threaded sample in each tool. Right hand only.

No. 65R-C Threader, complete with 1 set of High Speed Dies	Wt. lbs. 25
No. 65DR-C Same as above with 2 handles	28
No. 65R-P Threader, complete with 1 set of Dies and Plate-type Workholder	Discontinued
No. 65DR-P Same as above with 2 handles	Discontinued

RIDGID No. 65R Series Dies

(Right Hand Only)



One set precision made dies threads all four sizes—1", 1 1/4", 1 1/2" and 2" pipe or conduit.

No. 65R Dies, High Speed	Wt. lbs. 1/2
Special Dies for Stainless Steel	1/2
No. SD-123 Carbide Tip Dies for J. M. Chemtite Pipe	1/2

RIDGID No. 101 Bolt Threader

1/4" to 1" Quick-Opening Bolt Threader for Power
Drives or Hand Bolt Threading. Takes 500-B Bolt Dies



Speed All-Power or Hand Bolt Threading

Flip of quick-opening lever retracts dies instantly. No slow backing off. Fast, easy adjustment for standard, over or undersize threads. Set of 4 full width dies of desired size are easily inserted in die head . . . can't fall out. Cam-action, 4-jaw workholder sets to snug fit . . . guides threader for true threads every time.

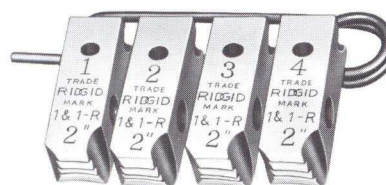
No. 101 Quick-Opening Bolt Threader, less dies	Wt. lbs. 13 1/2
---------------------------------------------------------	--------------------

Order 500-B Bolt Dies, N.C. (U.S.S.) or N.F. (S.A.E.) in the following sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4", 7/8" and 1".

Alloy Dies — Right Hand and Left Hand
High Speed Dies — Right Hand and Left Hand

RIDGID Nos. 1 & 1R Series Dies

For Poster Threaders



Alloy Dies	1", 1 1/4", 1 1/2"
High Speed Dies	2" size only

RIDGID Thread Cutting Oil — See Page 21.

Geared Pipe Threaders

RIDGID No. 141

threads 2½", 3", 3½"
& 4" Pipe and Conduit
with one set of dies

RIDGID No. 161

threads 4", 4½", 5" &
6" Pipe and Conduit
with one set of dies



Jam-proof for safe power or hand threading. Drive pinion kicks out automatically. Die head can't jam and cause costly repairs and delay. Just one set of High-Speed dies threads 4 sizes of pipe and conduit. No die sets to change or lose. Die size selector plate sets quickly and locks at desired size. Easy adjustment for tapered, straight, over or under size threads. Fast-action, cam-type workholder sets to size by quick turn of collar. Set screw holds work centered for true threads every time. Fully enclosed, safe, dirt-proof gear.

Note: Now shipped and priced less Ratchet and Handle.

RIDGID No. 141 Geared Threader with one set Dies, threads 2½", 3", 3½", 4" pipe and conduit	93
No. 141 Dies only, High-Speed	2¾
RIDGID No. 141 Geared Threader with one set of No. SD-124 Dies	93
No. SD-124 Carbide Tip Dies for J. M. Chemtite Pipe	1½
RIDGID No. 161 Geared Threader with one set of Dies, threads 4", 4½", 5", 6" pipe and conduit	158
No. 161 Dies only, High-Speed	4½



RIDGID

No. 4PJ Geared Pipe Threader

2½" through 4" Pipe

Right Hand Only for Tapered Pipe Threads.

Jam-Proof threader kicks out automatically. Loop handles for easy carrying and use. Plate-type workholder sets to size quickly before putting on pipe; only one clamp screw to tighten — no bushings. Fully enclosed, safe, dirt-proof gear.

Note: Shipped and priced less Ratchet and Handle.

RIDGID No. 4PJ with 4 sets of Alloy N.P.T. Tapered Pipe Dies, threads 2½", 3", 3½" and 4" pipe	73
4PJ with any 3 sets of Alloy Dies	72
4PJ with any 2 sets of Alloy Dies	70
4PJ with any 1 set of Alloy Dies	68½
4PJ Electrical Conduit Threader complete with 4 sets of Alloy Dies for N.P.S.M. Straight Conduit 2½" through 4"	73

See Page 17 for RIDGID Power Threading Methods and Accessories

Quick-Opening Threaders

For Use With Power Drives or by Hand

RIDGID

No. 504

For 1" through 2"
Pipe and Conduit

For 1½" through
2" Bolts



These **Quick-Opening** Threaders for use with Power Drives feature one set of dies. Easy adjustment for over and under size. New workholder jaws for easy centering of pipe assure perfect threads every time. No slow backing off or stopping Power Drive. **Quick-Opening** Threader retracts dies instantly. No lead screw to jam.

No. 504 Complete with one set of Alloy Pipe Dies	23¾
No. 504 Alloy Pipe Dies, 1" through 2"	1¼
No. 504 Special Dies, High Speed for Stainless Steel	1¼

1½" to 2" Universal Bolt Dies fit No. 504 Threader — See Page 19

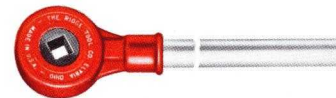
RIDGID No. 502 For ½" and ¾" Pipe Only

No. 502 Complete with one set of Alloy Pipe Dies	13
No. 502 Alloy Pipe Dies, ½" x ¾"	¾
No. 502 Special Dies, High Speed for Stainless Steel	¾

RIDGID

No. D-1440 Ratchet and Handle

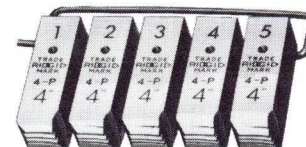
for No. 4PJ, No. 141 and No. 161 Geared Threaders



Wt. lbs.
10

Also fits Toledo-Beaver, Nye and Armstrong
4" Geared Threaders and Cut-Off Tools

No. 4PJ Dies



2½", 3", 3½", 4" Alloy N.P.T. Tapered Pipe Dies	1½
2½", 3", 3½", 4" High Speed N.P.T. Tapered Pipe Dies	1½
2½", 3", 3½", 4" Conduit Dies, Alloy, N.P.S.M. straight thread (Above Dies for Electric Conduit Threader Only)	1½

Special Grind Dies Available for Aluminum, Stainless, Plastic, Wrought Iron, Brass, etc.

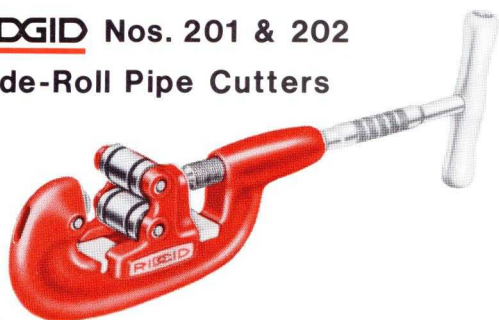
RIDGID Nos. 1-A & 2-A Heavy-Duty Pipe Cutters



Fast, clean pipe cutting by hand or power. Extra long shank protects adjustment threads. Extra large handle for quick, easy adjustment. Perfectly balanced frame of special malleable iron, guaranteed not to break or warp. Equipped with tough blade cutter wheel. Can convert to 3-wheel cutter by replacing rollers with cutter wheels. Every cutter factory tested to insure perfect tracking.

No.	Capacity	Wt. lbs.
No. 1-A	1/8" through 1 1/4"	6 1/2
No. 2-A	1/8" through 2"	7 1/4

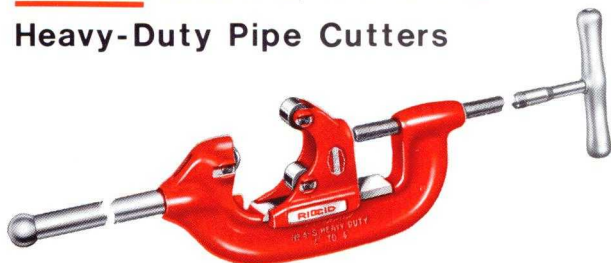
RIDGID Nos. 201 & 202 Wide-Roll Pipe Cutters



Featuring extra wide rolls, these Heavy Duty Cutters are especially designed for use with Power Drives. Wide rolls prevent cock or wobble of cutter for perfect tracking, cleaner cuts.

No.	Capacity	Wt. lbs.
No. 201	1/8" through 1 1/4"	7
No. 202	1/8" through 2"	7 3/4

RIDGID Nos. 3-S, 4-S & 6-S Heavy-Duty Pipe Cutters



No.	Capacity	Wt. lbs.
No. 3-S	1" through 3"	15
No. 4-S	2" through 4"	18 1/4
No. 6-S	4" through 6"	24

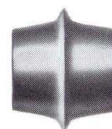
RIDGID Nos. 42-A & 44-S Heavy-Duty 4-Wheel Pipe Cutters



These 4-wheel cutters are designed for work in areas where a complete turn is impossible. No. 42-A has short handle for use in extra-tight places where only a 130° turn can be made. Second handle on No. 44-S makes 2-man leverage possible on large pipe sizes. Both are equipped with 4 Heavy-Duty wheels.

No.	Capacity	Wt. lbs.
No. 42-A	1/2" through 2"	7
No. 44-S	2 1/2" through 4"	20

RIDGID Pipe Cutter Wheels



Wheel For Cast Iron Pipe



Standard Thin Wheel



Heavy-Duty Wheel

Types Of Cutter Wheels Available:

Standard Thin Wheel
Heavy-Duty Wheel
Wheel for Cast Iron Pipe
Wheel for Stainless Steel
E-109 Cutter Wheel for
RIDGID No. 206 Soil Pipe Cutter

E-1032 Cutter Wheel for
RIDGID Pipe & Bolt Thread-
ing Machine and No. 360 Cutter

E-1032-S Special Wheel for
Stainless Steel

See RIDGID Hand Tools Parts Catalog for all Cutter Wheels

RIDGID Cutter Wheels for Other Makes of Pipe Cutters

No. 1-S for No. 1 Saunders Type Cutter
No. 2-S for No. 2 Saunders Type Cutter
No. 3-S, 4-S & 5-S for all 3, 4 and 5 Saunders Type Cutters
No. 1-B for No. 1 Barnes Type Cutter
No. 2-B for No. 2 Barnes Type Cutter
No. 3-B for No. 3 Barnes Type Cutter
No. 4-B for No. 4 Barnes Type Cutter
No. 5-B for No. 5 Barnes Type Cutter

RIDGID No. 2 Standard Thin Wheel fits Nye, Reed, and Trimo
Pipe Cutters

RIDGID Thread Cutting Oil — See Page 21

RIDGID Bolt Cutters

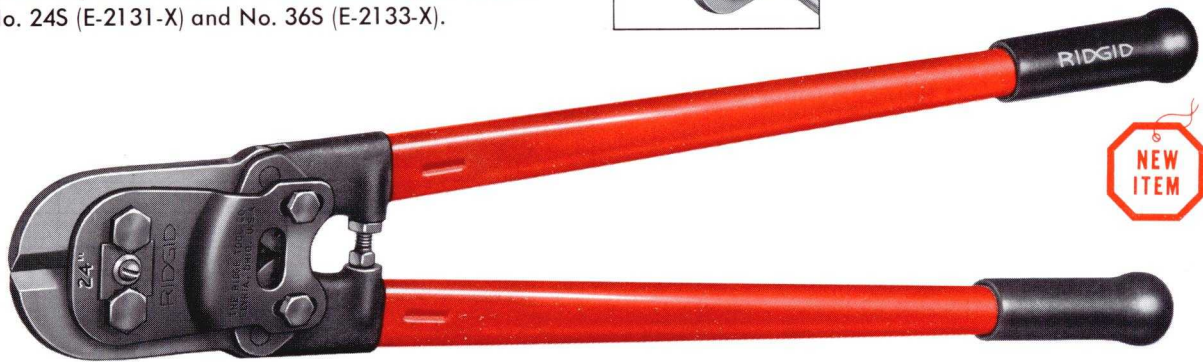
Center Cut, Six Sizes, $\frac{1}{4}$ " through $\frac{5}{8}$ " capacities

Designed with a 30% greater mechanical advantage, these cutters give quick, easy cuts of rod, wire mesh, concrete form ties, cable, steel strap, bolts, and metal brackets. Extra power greatly reduces effort required. All parts are heat treated for maximum strength and wear resistance. Rolling cam action gives greater efficiency. Jaws are made of forged tool steel. Slim head permits cutting close to surface. Rugged cover plates keep jaws in positive alignment. Single adjusting screw controls cutting edge contact. Special Cable Lock, which prevents cable from flattening, available for No. 24S (E-2131-X) and No. 36S (E-2133-X).

No.	With Cable Lock	Capacity	Length	Wt. Lbs.	Wt. Lbs. 6 to Box
No. 14S		$\frac{1}{4}$ "	14"	$2\frac{1}{4}$	$15\frac{1}{4}$
No. 18S		$\frac{5}{16}$ "	18"	$3\frac{3}{8}$	$22\frac{1}{4}$
No. 24S	No. 24SL	$\frac{3}{8}$ "	24"	$5\frac{3}{4}$	37
No. 30S		$\frac{1}{2}$ "	30"	$8\frac{1}{2}$	Single Pack
No. 36S	No. 36SL	$\frac{9}{16}$ "	36"	$13\frac{1}{4}$	Single Pack
No. 42S		$\frac{5}{8}$ "	42"	$17\frac{1}{2}$	Single Pack



Bolt Cutter with Cable Lock



No. 2-S Spiral Ratchet Pipe Reamer

$\frac{1}{8}$ " through 2"

Easy-cutting, self-feeding spiral design makes hand reaming extra fast and easy. Great for enlarging conduit box outlets . . . no chatter on sheet metal. Complete with handle. Reamer Unit available.



Wt. 7 $\frac{1}{4}$ lbs.

RIDGID Ratchet Pipe Reamers

No. 254 Spiral Ratchet Pipe Reamer

$2\frac{1}{2}$ " through 4"

World's first $2\frac{1}{2}$ " to 4" hand reamer . . . smooths burrs in seconds. Hollow center cuts weight. Large pressure plate. Hardened tool steel cone removable for sharpening. Complete with handle.



Wt. 14 lbs.

Ratchet Pipe Reamers

No. 2, $\frac{1}{8}$ " through 2"
Wt. 7 lbs.
No. 3, $\frac{3}{8}$ " through 3"
Wt. $11\frac{1}{2}$ lbs.

Reams fast, clean, with light pressure. Long-taper design won't dig in . . . safe for Power Drive use. Heat-treated cutting edges stay sharp. Complete with handle. Reamer Units available.



Reamer Units & Cones



No. 2-S Spiral Unit only (Wt. $4\frac{1}{2}$ lbs.)
(Will fit 00-R Ratchet and Handle)



No. 2-S Spiral Cone only (Wt. $1\frac{3}{4}$ lbs.)



No. 254 Spiral Cone only (Wt. $5\frac{3}{4}$ lbs.)



No. 2 Reamer Unit only (Wt. $4\frac{1}{4}$ lbs.)
Fits 00-R Ratchet and Handle



No. 3 Reamer Unit only (Wt. 8 lbs.)
Fits 111-R Ratchet and Handle

No. 2 Reamer Cone only (Wt. $1\frac{3}{4}$ lbs.)

No. 3 Reamer Cone only (Wt. $4\frac{1}{4}$ lbs.)



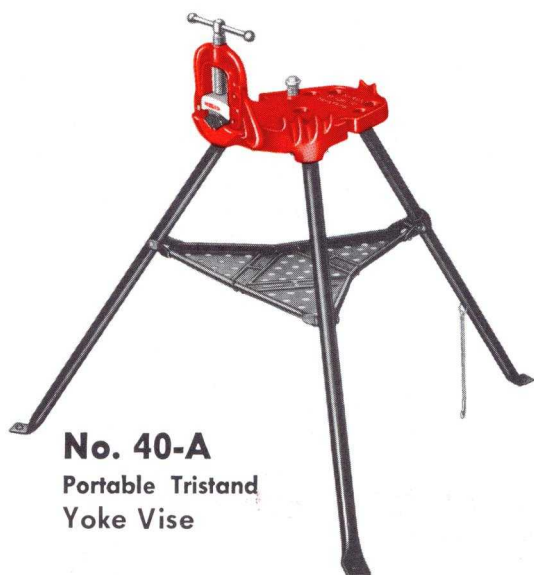
00-R Ratchet and Handle for Nos. 2 and 2-S Reamer Units (Wt. $3\frac{1}{2}$ lbs.)

111-R Ratchet and Handle for No. 3 Reamer Unit (Wt. $4\frac{3}{4}$ lbs.)

RIDGID Portable Tristand Vises

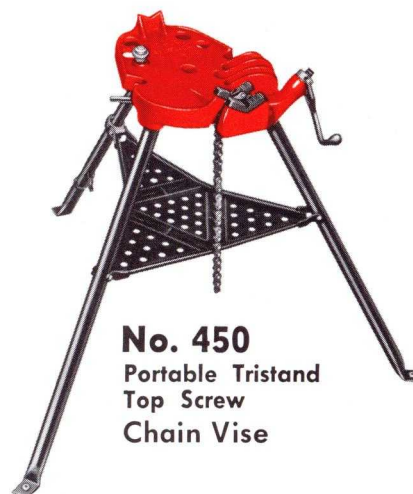
With Built-In Folding Tool Tray

These two portable vises give you a complete work bench. Integral legs and tray fold in for easy carrying, easy set up. Tray makes them extra rigid. Large vise base overhangs front legs for clear tool swing. Slots for hanging tools, pipe rest, 3 pipe benders, ceiling brace screw. Sturdy yoke or chain vise assures firm grip . . . long wear.



No. 40-A
Portable Tristand
Yoke Vise

No.	Capacity	Wt. lbs.
40-A	1/8" through 2 1/2"	48 1/2



No. 450
Portable Tristand
Top Screw
Chain Vise

No.	Capacity	Wt. lbs.
450	1/8" through 5"	45 1/2

RIDGID

Bench Yoke Vises



Unusually handy and efficient. Convenient pipe rest and bender. Yoke and base of strong special malleable iron. Hardened tool steel jaws. Capacities, 1/8" through 6".

No.	Capacity	Wt. lbs.
20	1/8" through 1 1/4"	4
21	1/8" through 2"	8 3/4
22	1/8" through 2 1/2"	13
23	1/8" through 3"	19 3/4
24	1/8" through 3 1/2"	22 1/4
25	1/8" through 4"	27 3/4
26	1/8" through 5"	40 1/2
27	1/8" through 6"	65

RIDGID

Top Screw Bench Chain Vises



Easy-to-operate. Crank handle is anchored to base . . . can't pull out. Rugged, malleable iron base has jaws of tool steel, hardened for long wear . . . handy pipe rest and bender. Capacities 1/8" thru 8".

No.	Capacity	Wt. lbs.
BC-210	1/8" through 2 1/2"	7 3/4
BC-410	1/8" through 4"	14 3/4
BC-510	1/8" through 5"	15
BC-610	1/4" through 6"	24 1/2
BC-810	1/2" through 8"	38

RIDGID

Bottom Screw Bench Chain Vises



Available in
2 sizes only

No.	Capacity	Wt. lbs.
BC-2A	1/8" through 2"	5 3/4
BC-4A	1/8" through 4"	13

For Replacement Parts See RIDGID Hand Tool Parts Catalog

RIDGID No. 62 Post Yoke Vise



Yoke and base of strong, special malleable iron. Hardened tool steel jaws. Handy pipe rest and pipe bender. Attaches quickly to any post, without tools or wedges. Chain fastened to vise. Handy dope pot and oil can holder.

No.	Capacity	Wt. lbs.
62	1/8" through 2 1/2"	24 1/2

RIDGID No. 640 Top Screw Post Chain Vise



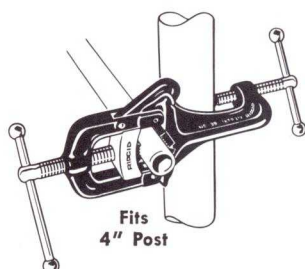
Light, strong chain vise, fits any shape or kind of post. Made of special malleable iron. Jaws are hardened tool steel. Equipped with tray for oil can, handy pipe bender.

No.	Capacity	Wt. lbs.
640	1/8" through 5"	23 1/2

RIDGID Portable Kit Yoke Vises



Fits
4" Plank



Fits
4" Post

Handy portable yoke vise, easily attached to plank, work bench or post.

No.	Capacity	Wt. lbs.
37	1/8" through 1 1/4"	6
38	1/8" through 2"	12
39	1/8" through 2 1/2"	15 1/2

RIDGID Stand Yoke Vises



Equipped with handy pipe bender, tray for holding oil can, dope pot and tools. Easily carried from place to place. Legs and connecting pipe not furnished.

No.	Capacity	Wt. lbs.
53	1/8" through 2 1/2"	24
54	1/8" through 3 1/2"	33 1/2

RIDGID No. 560 Top Screw Stand Chain Vise

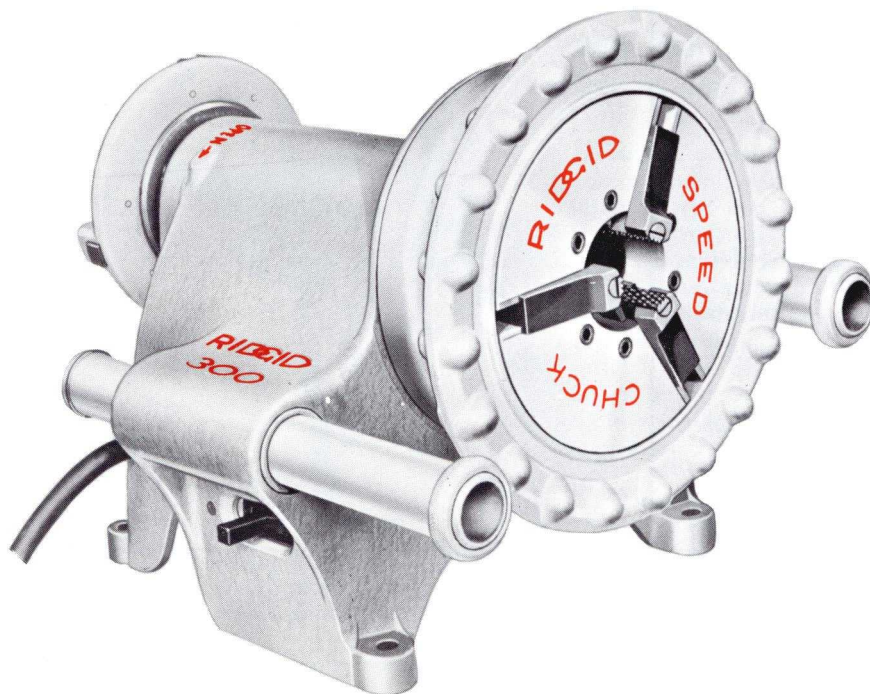


Handy portable stand chain vise. Sturdy malleable iron frame; tool steel jaws. Equipped with pipe rest, pipe bender and tool tray. Legs and connecting pipe not furnished.

No.	Capacity	Wt. lbs.
560	1/8" through 5"	25 3/4

For Replacement Parts See RIDGID Hand Tool Parts Catalog

Here's Time-Saving Power at a New Low Price



Light-Weight

Heavy-Duty

Full 2" Capacity

All-Metal Construction

Capacity:

1/8" through 2" Pipe and Conduit

1/4" through 2" Bolts and Rod

2 1/2" through 12" Pipe with Geared Tools

For close-coupled method of operating geared tools — see page 17

RIDGID

No. 300 Power Drive Features Include:

RIDGID patented Speed Chuck for tight grip, forward or reverse . . . replaceable jaw inserts . . . all-metal one-piece hand wheel. New RIDGID built, heavy-duty motor has armature with extra large commutator and brushes for longer brush life . . . fast speed even on 2" pipe or conduit, easily removed for service . . . Bump-proof reversible switch . . . 15 ft. oil-resistant power cord. 3-jaw, cam action, rear centering device for straight threads and cuts . . . all gears fully heat-treated and hardened . . . one-piece cast aluminum housing.

Standard Equipment:

Motor, 1/2 H.P. . . . Universal, Reversible, Large Brushes, Single Phase only, 25 to 60 cycle A.C. or D.C., 115 Volt. (230 Volt Available.)

Switch Heavy-Duty — Bump-proof—Reversible.

Chuck RIDGID Patented — Speed Chuck with Replaceable Rocker Action Insert Jaws.

Rear Centering

Device Cam Action—Turns with Chuck.

Support Bars 2 Heavy-Duty Tool Support Bars.

Oil 1 Gallon RIDGID Thread Cutting Oil.

No. 300 Power Drive, complete with 1 gallon RIDGID Thread Cutting Oil and 3 Allen Wrenches

Net Wt. lbs.	Shipping Wt. lbs.
77	96

RIDGID No. 32 Transporter — See Page 16.



No. 1206 Stand for RIDGID 300 Power Drive

Integral folding legs and tray — extra rigid in use, folds up easily, legs held closed by chain lock, no loose parts.

	Net Wt. lbs.	Shipping Wt. lbs.
No. 1206 Stand	29	31

No. 1452 Clip-on Tool Tray for RIDGID No. 300 Power Drive



Handy for tools, oil can, dope pot . . . fastens easily on top of 300.

	Wt. lbs.
RIDGID No. 1452 Clip-on Tool Tray	6

Convert RIDGID 300 and 200 Power Drives Into Low-Cost Threading Machines

Add These 5 Low-Cost Accessories

And Have Threading Machine

Speed and Ease!

Tools swing up and out of way . . . yet are always ready for instant use. Time savings quickly pay modest cost of these RIDGID Power Driver Accessories.

Any RIDGID Quick-Opening Machine Die Head and Dies can be used. Die Head snaps into carriage quickly, easily . . . Quick-Opening Heads eliminate slow backoff.

New RIDGID No. 311 Carriage slides on support bars . . . snugs right up to chuck for close threading and cutoff. Use No. 19 Nipple Chuck to thread close nipples. Carriage holds Die Head, Cutter and Reamer ready for instant use.

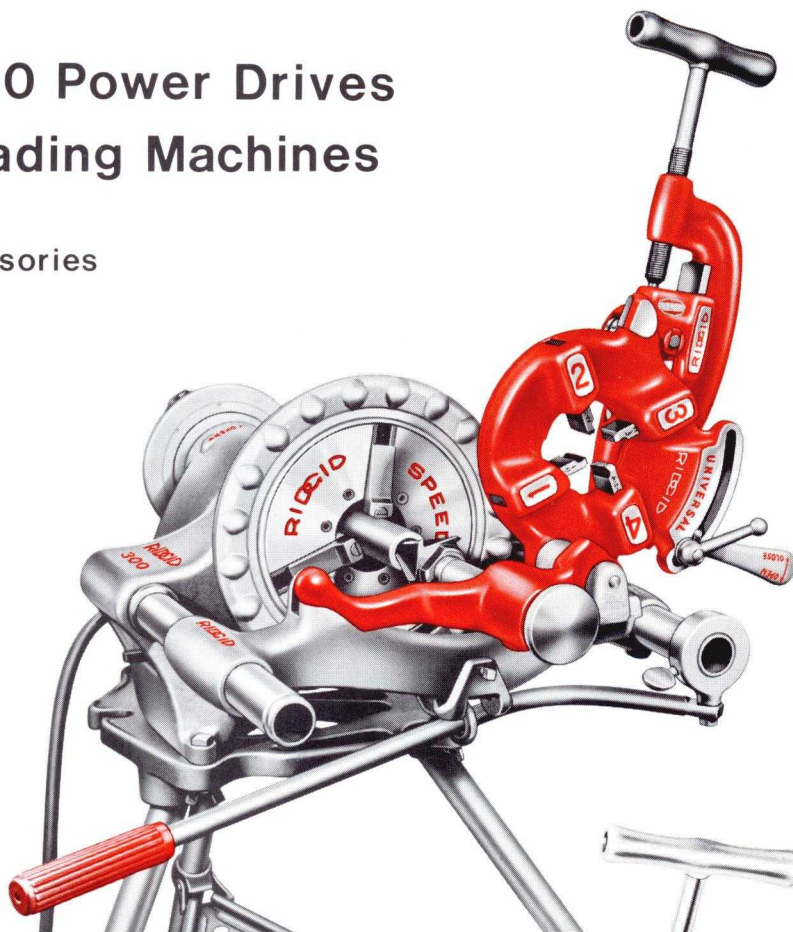
RIDGID No. 312 Carriage Lever is quickly attached to right hand support bar and to center of No. 311 Carriage. When installed, it gives fast, easy positioning of die head, cutter or reamer . . . increases leverage for quicker threading and reaming.

RIDGID No. 360 Cutter is a full-floating, wheel-type Cutter with wide rolls for straight cuts at power drive speed. Capacity: $\frac{1}{8}$ " through 2" pipe, $\frac{1}{4}$ " through $\frac{7}{8}$ " rod with No. 1 and 2 wheels; $\frac{5}{16}$ " through 1" with E-1032 Cutter Wheel.

RIDGID No. 340 Reamer. Five-flute cone. $\frac{1}{8}$ " through 2" capacity. Short length permits reaming of "close" nipples.

RIDGID Die Heads and Dies — See Page 19

RIDGID Thread Cutting Oil — See Page 21



RIDGID
No. 360 Cutter
(Wt. 8½ lbs.)



RIDGID
Universal Q.O.
Adjustable Die
Head only
(Wt. 12½ lbs.)



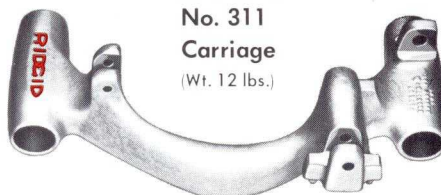
RIDGID
No. 340 Reamer
Fits No. 311
Carriage Only
(Wt. 7 lbs.)

$\frac{1}{8}$ " through 2" Pipe and Conduit
 $\frac{1}{4}$ " through 2" Bolt Rod

RIDGID
No. 311
Carriage
(Wt. 12 lbs.)



RIDGID
Kit 312 Carriage
Lever
(Wt. 3¼ lbs.)



Effortless Power for Threading, Cutting, Reaming

Capacity $\frac{1}{8}$ " through 2" Pipe and Conduit, $\frac{1}{4}$ " through 2" Bolts and Rod

RIDGID No. 400A Power Drive with Wrenchless Speed Chuck

Here's lots of ready power to turn pipe, rod or conduit for hand threaders, cutters, reamers. Universal type motor $\frac{1}{2}$ H.P., 25-60 cycle AC or DC 115-volt single phase, forward or reverse. Furnishes plenty of power for even 12" geared tools with drive shaft. Bump-proof switch . . . 15 ft. oil resistant cord with grounded plug. Light, yet rugged, housing and cover insure long service life. Cam-type rear centering device furnishes extra support, keeps pipe straight for perfect threads. 230 volt motor available.

(For close-coupled method of operating geared tools see page 17)



RIDGID Speed Chuck operates easily by hand, no wrench needed. Guaranteed to grip tight forward or reverse. Jaws have replaceable inserts for longer service life.

No. 400A Bench Model Power Drive

Speed-Grip Chuck, 1 gallon of
RIDGID Thread Cutting Oil. Ship. Wt. 156 lbs.

RIDGID No. 400 Power Drive with Lathe-Type Wrench Chuck

(Not Illustrated)

3-jaw lathe-type chuck with extra wide jaws for tight grip. Six adjusting pinions assure fast chuck tightening or release. Automatic wrench ejector prevents jamming. Chuck wrench furnished.

No. 400 Bench Model Power Drive with

Wrench-type Chuck and Chuck Wrench,
1 gallon of Thread Cutting Oil Ship. Wt. 153 lbs.

RIDGID No. 1 Speed Grip Chuck Adaptor

To Convert No. 400 Power Drive

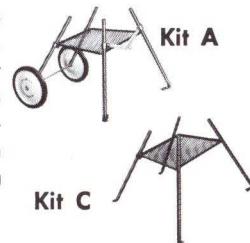
From Wrench-Type to Speed-Grip Chuck.
Easy Installation, Instructions Furnished.

No. 1 Speed-Grip Chuck Adaptor,
Unit Complete. Ship. Wt. 26 $\frac{1}{2}$ lbs.



Stands for RIDGID No. 400A & 400 Power Drives

Legs on all stands have rubber grommets in feet to prevent travel during operation. Holes in feet permit easy bolting to floor for permanent installation. Tray keeps tools handy for greater operation convenience, makes stand more rigid. On wheel-stand model, carrying handles swing out of way when not in use.



Wt. lbs.

Kit A — Front legs and handles, tray, fittings, rear legs and wheels	56
Kit B — Rear legs with wheels and front handles	36
Kit C — Tool tray with 4 legs and fittings	29 $\frac{1}{2}$
Kit D — Tool tray with 4 fittings	10 $\frac{1}{2}$
Kit E — Set of 4 legs only	20



Redesigned body with two support bars permits use of RIDGID Power Drive Accessories. (Page 15)

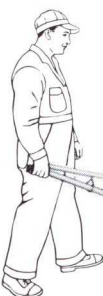
RIDGID No. 200 Power Drive

Portable Power for All Pipe
Operations Out on the Job

RIDGID Speed Chuck holds tight forward or reverse. Chuck jaw inserts are replaceable. Base provides handy tool hangers and pipe benders. Folding legs, with rubber grommets in feet and tool tray lock open forming rigid non-slip work base. Chain lock secures folded legs. 2 tool support bars fit RIDGID No. 311 Carriage. Universal type motor $\frac{1}{2}$ H.P., 25-60 cycle, AC or DC 115-volt single phase. 230-volt motor available.

Ship. Wt.

No. 200 Power Drive, Speed-Grip Chuck 138 lbs.



RIDGID No. 32 Transporter

Makes Handling Extra Easy!

Effortless transportation — Rugged 2-wheel Transporter attaches to RIDGID 200 or 300 Power Drive or Tristand Vises in a matter of seconds.



Wt. lbs.

No. 32 Transporter 14 $\frac{1}{4}$

Operate Geared Threaders Without a Universal Drive Shaft

RIDGID attachments eliminate long drive shafts. Geared threader remains stationary on power drive . . . pipe turns on pipe support.

FIGURE 1 — With No. 141 or 4PJ Threader and any RIDGID Power Drive, use the equipment shown below.

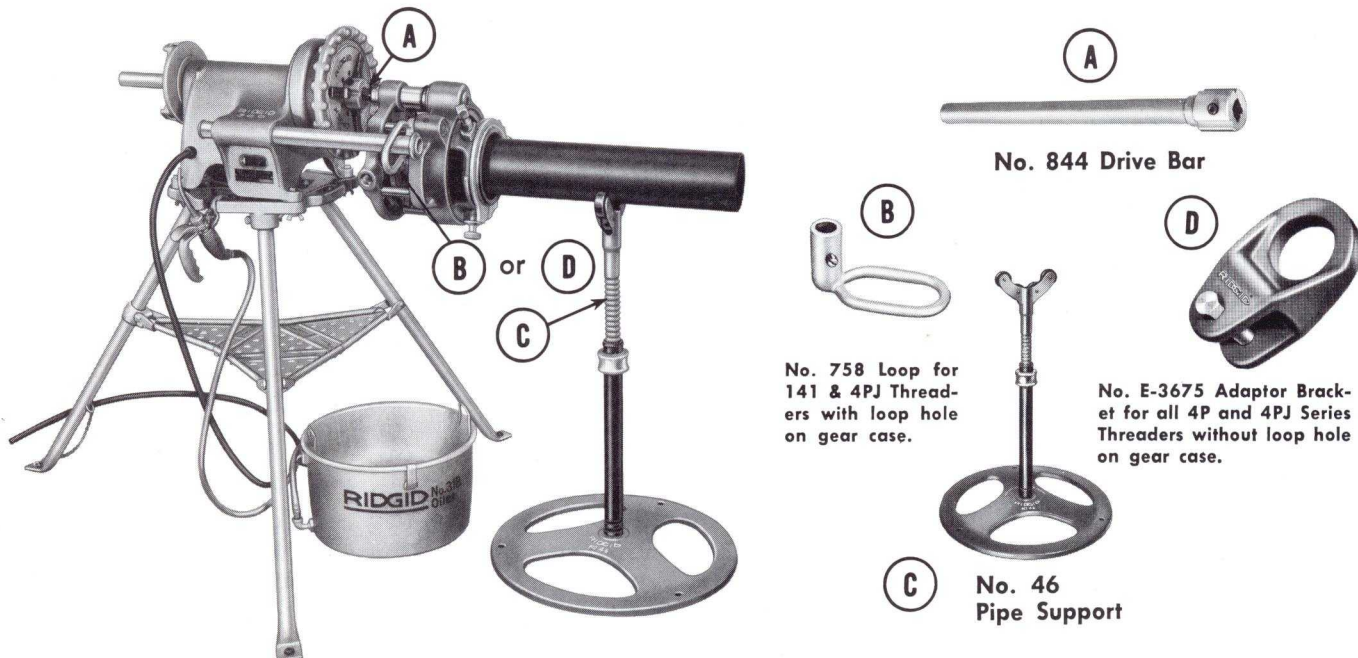
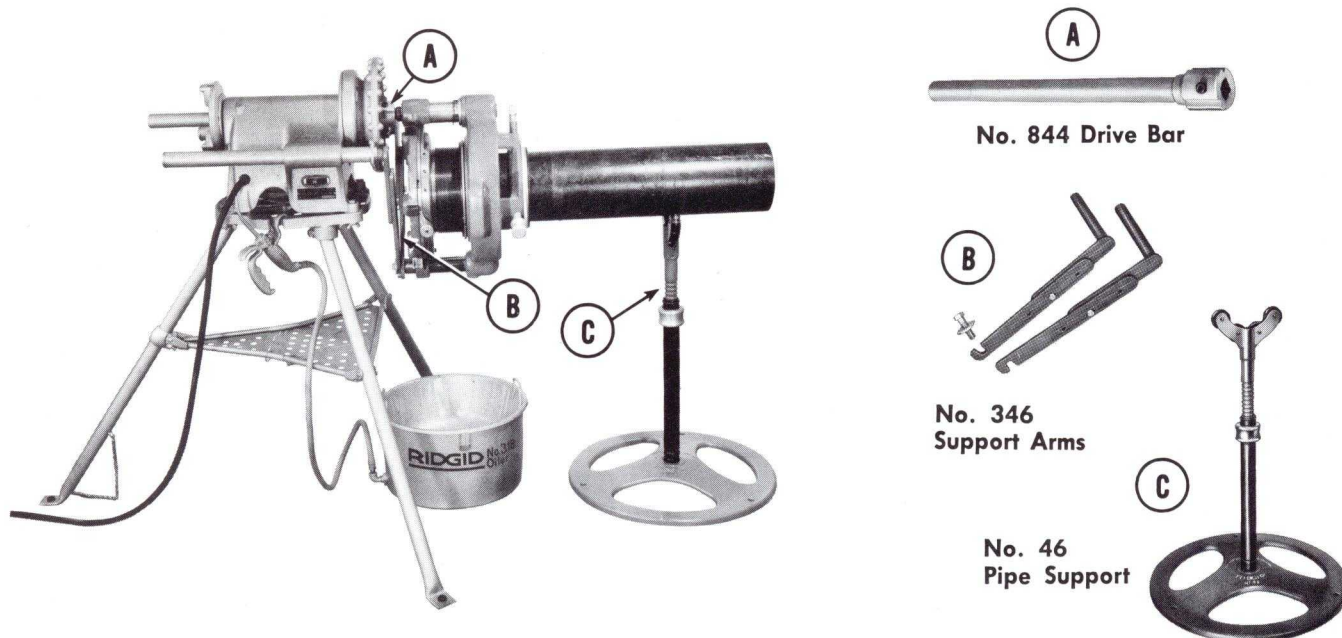


FIGURE 2 — With No. 161 Threader and 300, 400, 400A or 200 Power Drives, use equipment shown below.



RIDGID Thread Cutting Oil — See Page 21.

RIDGID 535 Pipe and Bolt Threading Machine

Capacity: $\frac{1}{8}$ " through 2" Pipe
 $\frac{1}{4}$ " through 2" Bolts

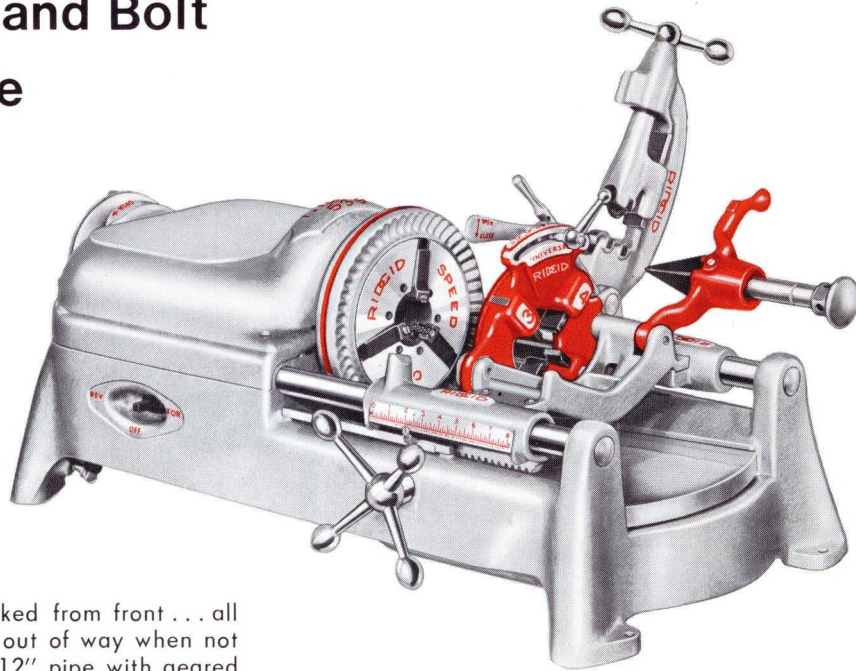
Compact Pipe

Workshop:

Threads . . . Cuts . . .

Reams . . . Ready for
Instant Use

**All RIDGID Quick-Opening
Pipe and Bolt Machine Die
Heads and Dies Can Be Used**



Work Saver Features: Pipe can be chucked from front . . . all tools operate independently, swing up out of way when not in use. Plenty of power to thread up to 12" pipe with geared threaders. Reversible vane-type pump recirculates thread cutting oil. Lathe-type adjusting handle moves carriage accurately, smoothly. Easy-to-read length gauge gives fast, exact cut-offs.

Standard Equipment:

(Does not include Die Heads and Dies)

- Motor:** $\frac{1}{2}$ H.P. Single-Phase 115 volt Universal Motor, reversible at switch, large brushes, AC or DC, 25-60 cycles, 15-ft. oil resistant cord. 230 volt motor on request at no extra charge.
- Switch:** Heavy-duty, bump-proof reversible switch.
- Chuck:** RIDGID Patented — Speed Chuck with replaceable rocker-action insert jaws.
- Rear Centering Device:** Cam-action, turns with Chuck.
- Cutter:** Roll-type cut-off, self-centering full-floating.
- Reamer:** Five-flute cone, $\frac{1}{8}$ " through 2".
- Oil:** 3 Gallons of RIDGID Thread Cutting Oil.
- Wrenches:** 4 Allen type.
- Cutter Wheel:** 1 spare No. E-1032 Cutter Wheel.
- Grease:** 1 tube Gear Grease.

No. 535 Machine with Standard Equipment, $\frac{1}{2}$ " to 2" complete with 1 Universal Die Head . . . 1 set right hand Alloy Pipe Dies for $\frac{1}{2}$ " x $\frac{3}{4}$ " and 1 set of right hand Alloy Pipe Dies, 1" through 2".

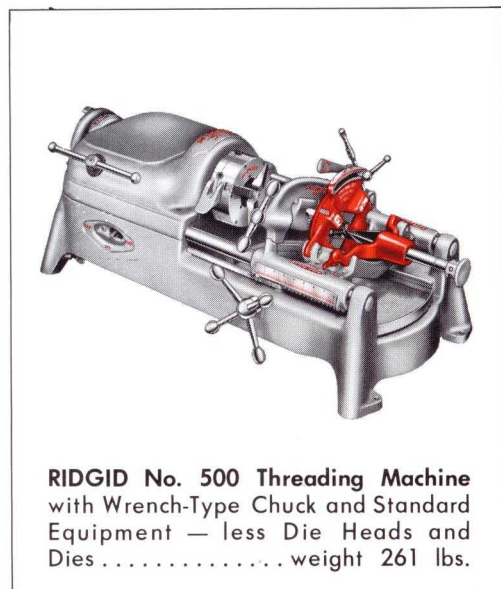
Shipping Weight 279 lbs.

No. 535 Machine with Standard Equipment, Less All Die Heads and Dies.

Shipping Weight 265 lbs.

For Maximum Efficiency Be Sure to See These Popular RIDGID Pipe Machine Accessories

1. Pipe Dies for Quick-Opening Universal, No. 514, No. 515 or Mono Type Die Heads — (See Page 19)
2. Bolt Dies for 500-B Bolt Heads — (See Page 19)
3. Die Head Racks for easy die head selection — (See Page 20)
4. No. 19 Nipple Chuck for threading short nipples — (See Page 20)
5. Stands available, four models — (See Page 20)
6. Universal Drive Shaft for use with geared threaders — (See Page 21)
7. RIDGID Thread Cutting Oil — (See Page 21)



RIDGID No. 500 Threading Machine
with Wrench-Type Chuck and Standard
Equipment — less Die Heads and
Dies weight 261 lbs.

RIDGID Quick-Opening Die Heads and Dies for All Threading Machines and No. 311 Carriage

Note: For Conduit Use N.P.T. Dies. For Straight Threads, Specify N.P.S.M. Dies.

All RIDGID quick-opening die heads slip quickly into carriage, are easy to remove. Full width dies that give positive threading accuracy . . . can be changed in seconds. All dies have been factory tested for guaranteed accuracy. Threads can be run right up to chuck. Fast, easy size adjustment, even for over or under size threads, can be made right on machine. Sizes are clearly stamped on size bar. When desired length of thread is cut, flip of release lever retracts dies . . . no slow back-off.



Universal Die Head and Dies for Pipe and Bolts

Fully Adjustable — Capacity: Pipe $\frac{1}{8}$ " through 2"; Bolts $\frac{1}{4}$ " through 2"

Universal Q.O. Die Head only (less Dies) Right Hand, wt. 12 $\frac{1}{4}$ lbs.
Left Hand Head for Pipe Dies only, wt. 12 $\frac{1}{4}$ lbs.

Dies For Universal Die Head Only:

Universal Right Hand Pipe Dies: $(\frac{1}{8}"$, $\frac{1}{4}" \times \frac{3}{8}"$), $(\frac{1}{2}" \times \frac{3}{4}"$), $(1" \text{ through } 2")$
Universal Left Hand Pipe Dies: $(\frac{1}{4}" \times \frac{3}{8}"$), $(\frac{1}{2}" \times \frac{3}{4}"$), $(1" \text{ through } 2")$

Universal Bolt Dies: (Right Hand only) NC (USS), or NF (SAE) $\frac{1}{4}"$, $\frac{3}{8}"$, $\frac{7}{16}"$, $\frac{1}{2}"$, $\frac{9}{16}"$, $\frac{5}{8}"$, $\frac{3}{4}"$, $\frac{7}{8}"$, $1"$, $1\frac{1}{8}"$, $1\frac{1}{4}"$, $1\frac{3}{8}"$, $1\frac{1}{2}"$.
Universal Right Hand Bolt Dies: NC (USS) only $1\frac{3}{4}"$ and $2"$.



No. 515 Die Head

$\frac{1}{8}"$ through $\frac{3}{4}"$ Pipe

No. 515 Die Head, Less Dies 8 $\frac{1}{4}$ lbs.

Dies For No. 515 Head — Right Hand Only:

No. 551 Pipe Dies	.....	$\frac{1}{8}"$ Right Hand
No. 552 Pipe Dies	.....	$\frac{1}{4}" \times \frac{3}{8}"$ Right Hand
No. 554 Pipe Dies	.....	$\frac{1}{2}" \times \frac{3}{4}"$ Right Hand

Note: $\frac{1}{4}" \times \frac{3}{8}"$ dual pipe dies available for discontinued Dual Die Head. #554 Dies fit discontinued $\frac{1}{2}" \times \frac{3}{4}"$ Dual Die Head.

No. 514 Left Hand Die Head $\frac{1}{8}"$ through $\frac{3}{4}"$

No. 514 Left Hand Die Head, less Dies Wt. 8 $\frac{1}{4}$ lbs.

Dies For No. 514 Head — Left Hand Only:

No. 514 Pipe Dies	.....	$\frac{1}{8}"$ Left Hand
No. 514 Pipe Dies	.....	$\frac{1}{4}" \times \frac{3}{8}"$ Left Hand
No. 514 Pipe Dies	.....	$\frac{1}{2}" \times \frac{3}{4}"$ Left Hand



Mono Die Heads

Mono Die Heads, less Dies—9 sizes, $\frac{1}{8}"$ through 2", Right Hand. Separate Die Head for each size wt. 8 $\frac{1}{4}$ lbs.
(Left Hand Mono Heads Available)

Dies For Mono Heads Only (Specify Size):

$\frac{1}{8}"$, $\frac{1}{4}"$, $\frac{3}{8}"$, $\frac{1}{2}"$, $\frac{3}{4}"$, $1"$, $1\frac{1}{4}"$, $1\frac{1}{2}"$, $2"$
Mono Pipe Dies, Right Hand (use right hand head)

$\frac{1}{2}"$, $\frac{3}{4}"$, $1"$, $1\frac{1}{4}"$, $1\frac{1}{2}"$, $2"$ Left Hand Mono Die Heads and Dies Available on request.

500-B Bolt Die Heads



500-B — Capacity $\frac{1}{4}"$ through $1"$
Wt. 7 $\frac{1}{2}$ lbs.

500-B — Capacity $1\frac{1}{8}"$ through $2"$
Wt. 9 lbs.

Above heads take both right-hand and left-hand 500-B bolt dies.

Bolt Dies:

500-B Right-Hand Bolt Dies (Alloy or High Speed), NC (USS) or NF (SAE)—
Sizes: $\frac{1}{4}"$, $\frac{5}{16}"$, $\frac{3}{8}"$, $\frac{7}{16}"$, $\frac{1}{2}"$, $\frac{9}{16}"$, $\frac{5}{8}"$, $\frac{3}{4}"$, $\frac{7}{8}"$, $1"$, $1\frac{1}{8}"$, $1\frac{1}{4}"$, $1\frac{3}{8}"$ and $1\frac{1}{2}"$.

$1\frac{3}{4}"$ and $2"$ NC(USS) Only

500-B Left Hand Bolt Dies (Alloy or High Speed) — All sizes as above.
 $1\frac{5}{8}"$ — $5\frac{1}{2}$ T.P.I. and $1\frac{7}{8}"$ — 5 T.P.I. (Right hand only)

American National Series (High Speed)

8 T.P.I. $1\frac{1}{8}"$ through $2\frac{1}{2}"$

12 T.P.I. $\frac{1}{2}"$ through $2\frac{1}{2}"$

16 T.P.I. $1\frac{3}{16}"$ through $2\frac{1}{2}"$

General Purpose Acme and Metric Dies for RIDGID
500-B Bolt Die Heads Available on Request.

Beveling Dies

For beveling pipe ends prior to welding, $1"$ through $2"$ Beveling Dies fit Universal or Quadri Die Head. $\frac{1}{2}"$ & $\frac{3}{4}"$ Beveling Dies fit No. 515 or $\frac{1}{2}"$ & $\frac{3}{4}"$ Dual Head. Furnished in sets of four segments — 1 cutting segment and 3 guide segments.



37 $\frac{1}{2}$ ° Beveling Dies

$\frac{1}{2}" \times \frac{3}{4}"$ or $1"$ through $2"$

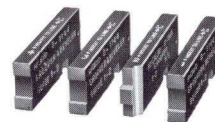
45° Beveling Dies

$\frac{1}{2}" \times \frac{3}{4}"$ or $1"$ through $2"$

Special Beveling Dies on request

Grooving Dies

To groove pipe for Victaulic Type Couplings. Use with Universal or Quadri Die Head.



Grooving Dies

$1"$ through $2"$ only

NOTE: Replacement Dies — Type and Size of Die Head must be specified on order. Special Dies — Information and Prices on request.

RIDGID Thread Cutting Oil — See Page 21

Pipe Machine Stands

RIDGID Open Leg Stands



Kit
No. 2-T

Kit No.	Description	Wt. lbs.
1-L	Set of 4 Legs only	15½
2-T	Pipe Leg Stand with Tool Tray	35

RIDGID Open Wheel Stand



Kit
No. 4-R

With Fold-In Handles
for Easy Moving.

Kit No.	Description	Wt. lbs.
4-R	Pipe Leg Stand with Tray on rubber-tired 16" wheels	63

RIDGID Enclosed Wheel Stand



Kit
No. 8-R

(Assembled)

Easy-to-lock storage compartment for Die Heads and Accessories.

Kit No.	Description	Wt. lbs.
8-R	Enclosed Stand on rubber-tired 16" wheels	128

RIDGID No. 19 Nipple Chuck



**For Threading
Close Nipples**

No. 19 Nipple Chuck is an easy-to-use, time-saving tool that holds short and close nipples or studs for threading. It's designed

for use with Pipe and Bolt Threading Machines and RIDGID 300 or new style 200 Power Drives equipped with No. 311 Carriage and Quick-Opening Die Heads. Adaptors are for 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2" nipples. Nipple Chuck itself holds 2" Pipe — no Adaptor needed. Stud adaptors also available. Designed for Right Hand only. (Above available for British Thread).

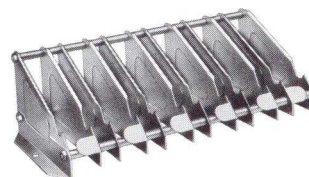
Description	Wt. lbs.
No. 19 Nipple Chuck, 1/2" through 2" with 5 Adaptors, Patented Carrier and Wrench	11
Pipe Adaptors: 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2"	1/2
Stud Adaptors, 1/4" through 2" NC and 1/4" through 1 1/2" NF	1/2
Nipple Chuck Wrench to release Nipples and tighten Adaptors	1

RIDGID Die Head Racks

(2 Models)

For All Machine Die Heads

Rugged steel racks have individual compartments for easy die head selection.



4-Head Rack		Wt. lbs.
No. 4U	4 Compartments for Pipe and Bolt Die Heads	8½
6-Head Rack		Wt. lbs.
No. 6U	6 Compartments for Pipe and Bolt Die Heads	12½

RIDGID Thread Cutting Oils



Protect Your Dies . . . Get Better Threads

A good thread cutting oil must cool, speed metal removal, produce a smooth finish and prevent chips from welding to your dies. No oil — in its pure state — will perform all these functions. Therefore, RIDGID super quality, sulphur-lard thread cutting oils, are not just one oil but an exactly formulated blend of oils for easier, faster threading. Highest quality petroleum oil is used as the cooling agent and carrying base. A fatty oil acts as wetting agent for maximum lubrication. Pure flowers of sulphur help form a film between tool and metal for reduced frictional wear. Anti-foam agent keeps oil clear in spite of agitation. Odorless germicide eliminates danger of infection or irritation. Tests prove the superiority of RIDGID Thread Cutting Oils for drilling, turning and other metal cutting operations. You may want some for your lathe or drill press, too. They should not be used as a lubricant. Take your choice of Dark or Nu-Clear — you get the same top-quality thread cutting performance. **Also satisfactory for threading stainless steel.**

Size Container	Cans to Case	Wt. lbs. Case
1 pt. can (Nu-Clear only)	24	32
1 qt. can	12	28
1 gal. can	6	51½
2 gal. can (Nu-Clear only)	3	50
5 gal. can	1	42
30 gal. drum	1	252
55 gal. drum	1	465

F.O.B. Elyria, Ohio — No Freight Allowed

Lubricating Grease (For Large Gear) 4 oz. Tube
Gearhead Motor Grease 1 lb. can

RIDGID

Adjustable Pipe Supports



No. 46

Handle Up to 10" Pipe

Designed for RIDGID Close-Coupled Drive Method (see Page 17). Right-angle rollers let pipe turn freely. Heavy-duty construction. Height is adjustable from 23" to 33".

Wt. lbs.

RIDGID No. 46 23



No. 92

Large rollers let pipe move forward freely. Rugged construction, supports pipe without tipping or rocking. Height adjust from 32" to 41".

Wt. lbs.

RIDGID No. 92 28½

RIDGID

No. 318 Oiler



Stops Oil Waste, Keeps Dies Flooded For Perfect Threads, Lengthens Die Life

Hand operated, continuous oiler pumps easily by thumb action. Large chip pan catches oil run-off, chips and scraps. No messy floors. Oil is double-screened and re-circulated through reservoir, hose and hand pump. Completely portable. Quickly pays for itself in oil savings alone. Chip pan is 14½" in diameter, 8½" high. Hose length, 48".

RIDGID No. 318 Oiler, complete with Wt. lbs.
2 gallons of Thread Cutting Oil 30



RIDGID

No. 302 Utility Oiler

Same easy-action hand pump as on RIDGID No. 318 Oiler. Pumps oil fast as you want it. Screw Cap fits any 1, 2 or 5-gal. can. (Note: This can be used as industrial oiler. Special spout available).

Wt. lbs.

RIDGID No. 302 Utility Oiler 2¾
(Oil Not Included)

RIDGID Universal Drive Shaft



Telescoping drive shaft is designed for use with all Threading Machines and Power Drives in conjunction with geared pipe tools such as RIDGID 4PJ, 141 and 161 Geared Threaders. Drive Shaft shank engages machine chuck. Flexible coupling attaches to drive pinion of geared tool. Shaft length can be extended from 41" to 50". (Fits all types of geared threaders and cutters.)

Wt. lbs.

Universal Drive Shaft 26

To Remove Broken Threaded Ends
of Pipe, Screws, Studs, Bolts

RIDGID Pipe Extractors

For extracting broken threaded ends of pipe, pipe plugs, fittings, etc. Each extractor is plainly marked showing drill size to use when solid ends of plugs, fittings, etc., must be drilled to receive extractor.



Pipe Extractor Sets:

Set No.		
880	1/8" through 1/2"	Nos. 80 to 83 incl.
881	1/4" through 3/4"	Nos. 81 to 84 incl.
882	1/4" through 1"	Nos. 81 to 85 incl.
883	1/8" through 1"	Nos. 80 to 85 incl.

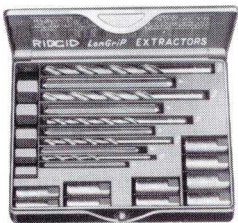
Single Pipe Extractors:

No.	Pipe Size	Length Overall	Use Drill
No. 80	1/8"	2 1/4"	1/4"
No. 81	1/4"	2 1/2"	3/8"
No. 82	3/8"	2 3/4"	1/2"
No. 83	1/2"	3"	5/8"
No. 84	3/4"	3 1/4"	1 1/16"
No. 85	1"	3 1/2"	1 1/16"
No. 86	1 1/4"	3 3/4"	1 3/8"
No. 87	1 1/2"	4"	1 7/16"
No. 89	2"	4 1/2"	2 1/16"

Pipe Extractors for extra strong wall pipe available, Nos. 83E to 89E incl.

Standard Length Sets with Drill Guides and H.S. Drills:

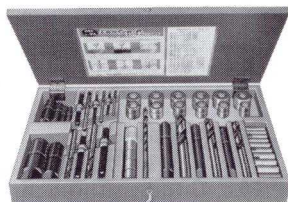
RIDGID Screw Extractor Set



Set No. 10 — For screws of diameters 1/4" to 1/2" inclusive. Maximum depth extractions one inch. Contains one each of Extractors Nos. 1 to 5 inclusive, with turnouts. Drills Nos. 1 to 5 inclusive. Drill Guides Nos. 921 to 1821 inclusive. Twenty precision tools. Packed in a preformed, non-breakable box. Wt. 1 1/4 lbs.

RIDGID Screw and Pipe Extractor Set

Set No. 25 — For screws of diameters 1/4" to 1" inclusive, and pipe threaded ends, sizes 1/8" to 1" inclusive. Maximum depth extractor range 1" to 3". Contains one each of Screw Extractors Nos. 1 to 8 inclusive (Nos. 1 to 5 extractors with turnouts); drills Nos. 1 to 8 inclusive, also one No. 36; complete set of Drill Guides and bushings; Pipe Extractors Nos. 80 to 85 inclusive. Sixty-three precision tools packed in fitted compartment box. Wt. 9 1/4 lbs.



RIDGID Screw Extractors



Standard Length
With Sliding Turnout

No.	Screw Diam.	Use Drill	Flute Dia. O.D.	Length Overall	Max. Depth Ext'r.
1	1/4"	1/8"	.139"	2 5/16"	1"
2	3/16"	3/16"	.205"	2 3/4"	1"
3	3/8"	1/4"	.272"	3 1/16"	1"
4	7/16"	5/16"	.338"	3 5/16"	1"
5	1/2 - 9/16"	1 1/32"	.374"	3 3/4"	1"
(No Turnout)					
6	5/8"	7/16"	.471"	4 1/8"	2"
7	3/4"	1/2"	.538"	4 1/2"	2"
8	7/8" - 1"	5/8"	.665"	4 3/4"	3"

Screw Extractors Only — In Sets

Set No. 3 — Extractors

Nos. 3, 4 and 5.
Wt. 6 oz.

Set No. 5 — Extractors

Nos. 1, 2, 3, 4 and 5.
Wt. 7 oz.



RIDGID Special High Speed Drills



No.	Diam.	Length Overall	Type Shank
1	1/8"	2 1/2"	S. S.
2	3/16"	3"	S. S.
3	1/4"	3 1/2"	S. S.
4	5/16"	4"	S. S.
5	1 1/32"	4 1/2"	S. S.
6	7/16"	4 3/4"	S. S.
7	1/2"	5"	S. S.
8	5/8"	5 1/2"	S. S.

RIDGID Standard Length Drill Guides



One-Piece Type

Use for Centering Drills at Depth Not Exceeding 1 inch.

No.	Diam. O.D.	Diam. I.D.	Overall Length	Use Drill
921	9/32"	1/8"	1 3/16"	1/8"
1021	5/16"	1/8"	1 3/16"	1/8"
1121	1 1/32"	1/8"	1 3/16"	1/8"
1221	3/8"	1/8"	1 3/16"	1/8"
1321	1 3/32"	3/16"	1 3/16"	3/16"
1421	7/16"	3/16"	1 3/16"	3/16"
1521	1 5/32"	3/16"	1 3/16"	3/16"
1621	1/2"	3/16"	1 3/16"	3/16"
1721	1 1/32"	1/4"	1 3/16"	1/4"
1821	9/16"	1/4"	1 3/16"	1/4"

RIDGID No. 105 Tubing Cutter

Grooved Rolls for Close Flare Cut-offs

Fold-in Reamer
Protects Hands
and Pockets



Spare Cutter Wheel
in Handle

Only 5" Long, Open or Closed!

Enclosed feed can't clog or jam. Frame of lightweight, high-strength aluminum alloy. Cuts copper, brass, aluminum tubing and thin-wall conduit. Rollers smooth tubing ready for soldering.

No. 105 — Capacity $\frac{1}{8}$ " through $1\frac{1}{8}$ " O.D. Wt. $\frac{1}{2}$ lb.

RIDGID No. 205 Tubing Cutter

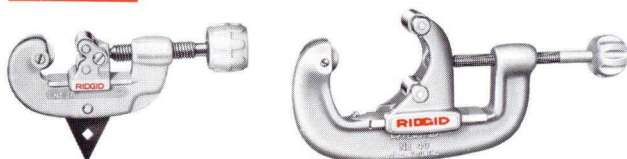
Spare Cutter
Wheel in Handle



Has instant slide-action size adjustment. Slightest push on handle snugs cutter wheel against tubing where it locks until released. Grooved rollers for close-to-flare cuts often eliminate tubing replacement. Tubing always turns on 2 of 4 rollers for easy operation.

No. 205 — Capacity $\frac{1}{4}$ " through $2\frac{3}{8}$ " O.D. Wt. $1\frac{3}{4}$ lbs.

RIDGID Tubing Cutters



For Copper, Brass, Aluminum and Thin-Wall Conduit

No. 10 Capacity $\frac{1}{8}$ " through 1"
No. 15 Capacity $\frac{3}{16}$ " through $1\frac{1}{8}$ "
No. 20 Capacity $\frac{1}{2}$ " through $2\frac{1}{8}$ "

No. 30 Capacity 1" through 3"
No. 40 Capacity 2" through 4"
(For Large Tubing)

Fold-in Reamer Protects
Hands and Pockets

No. 315 — 3-Wheel, Capacity $\frac{3}{16}$ " through $1\frac{1}{8}$ "
(Not Illustrated)

Special Wheels For Cutting Plastic (PVC) Tubing:

Cutter	Wheel No.	Max. Capacity
No. 205	E-5272	2"
No. 30	E-5299	$2\frac{1}{2}$ "
No. 40	E-5299	$3\frac{1}{2}$ "

Standard and Heavy-Duty replacement cutter wheels for RIDGID Tubing Cutters available. See Price List for further details. Special wheels for aluminum tubing also available.

RIDGID Flaring Tools

One Integral
Unit . . . Parts
can't get lost



These advanced-design RIDGID Flaring Tools give absolutely smooth, uniform flares every time . . . faster, too . . . with minimum effort, even on large sizes. Large, comfort-grip feed screw handle turns easily. Precision-ground hardened steel flaring cone, eccentrically mounted in precision bearings, produces rolling action for even metal flow . . . gives uniform flare walls without galling. Flare can then be ironed by continued cone action. Heat treated flaring bars are precision-ground. Tubing hole sizes are clearly marked. Rugged yokes slide to desired size. Yoke clamp screw fits into centering hole . . . locks bars, yoke and tubing into perfect alignment. Stop pins keep yoke on flaring bars at all times . . . Yoke can't slide off.

All Flaring Tools listed immediately below are recommended for soft materials such as aluminum and soft copper. No. 454-W, No. 455 and No. 375 will also flare steel, stainless steel, hard copper and brass.

		Wt. lbs.
No. 457 for 45° S.A.E. flares, $\frac{1}{8}$ " through $\frac{5}{8}$ " O.D. (7 sizes)		$3\frac{1}{4}$
No. 459 for 45° S.A.E. flares, $\frac{1}{8}$ " through $\frac{3}{4}$ " O.D. (9 sizes)		$3\frac{1}{2}$
No. 376 for 37° S.A.E. flares, $\frac{3}{8}$ " through $\frac{5}{8}$ " O.D. (6 sizes)		$3\frac{1}{4}$
No. 454-W for 45° flares, $\frac{3}{8}$ " through 1" N.W.* (4 sizes)		$6\frac{1}{4}$
No. 455 for 45° S.A.E. flares, $\frac{1}{2}$ " through 1" O.D. (5 sizes)		$6\frac{3}{4}$
No. 375 for 37° S.A.E. flares, $\frac{1}{2}$ " through 1" O.D. (5 sizes)		$6\frac{3}{4}$

* Nominal Water Tube

RIDGID Hammer-Type Flaring Tools

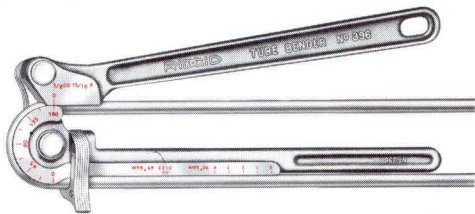


8 Sizes for all $\frac{3}{8}$ " through 2" Water Tube

Made of high-grade hardened steel, these tools have a long nose guide that centers tool for perfect, crack-free flares every time. Lightweight hollow construction allows full impact of each hammer blow to be transmitted to the tube . . . far less blows are needed. Easy-to-hold, knurled head and flaring flange give tight one-hand gripping surface. Hardened anvil will not "mushroom" in use. Positive diameter stop eliminates over or undersize flares . . . assures tight seal with fitting. Nose guide smooths out any distorted tube.

Model	Water Tube Size	Wt. lbs.	Model	Water Tube Size	Wt. lbs.
No. E-37	$\frac{3}{8}$ "	$\frac{3}{16}$	No. E-52	1"	$\frac{3}{4}$
No. E-45	$\frac{1}{2}$ "	$\frac{1}{4}$	No. E-61	$1\frac{1}{4}$ "	1
No. E-46	$\frac{5}{8}$ "	$\frac{3}{8}$	No. E-63	$1\frac{1}{2}$ "	$1\frac{1}{2}$
No. E-47	$\frac{3}{4}$ "	$\frac{1}{2}$	No. E-64	2"	$2\frac{1}{4}$

RIDGID Lever-Type Tube Benders



**Six Sizes from 3/16" through 1/2" O.D.
Fast, Accurate Bends of Soft and Hard Copper,
Brass, Aluminum, Steel and Stainless Steel Tube**

Improved design of these RIDGID Lever-Type Benders makes them versatile, accurate and easy to use. When tube is correctly measured, bends will be accurate to blueprint dimensions within $\pm 1/32"$. All wearing surfaces have been hardened for lasting accuracy, long service.

Spring washers hold link and shoe handle in any desired position for easy insertion and removal of tube.
Scale on inner face of link eliminates extra measuring, assures fast tube positioning for accurate finished dimensions.
Cam-shaped latch with thumb boss assures positive but easy latching and unlatching. Held by spring washer, latch stays out of way for easy tube insertion.
Forming head is clearly marked for angle of bend in $22\frac{1}{2}^\circ$ increments from 0° to 180° .
Form handle is grooved for positive tube alignment. Form handle and tube can be secured in a vise when bending extra hard tube.
Form handle carries "Gain Marks" for accurate measurement of tube before cutting. Pieces can be pre-cut to proper length... no extra cutting or wasted material.
Extra strong, one-piece handle and forming head assure lasting accuracy. Stop pin assures proper link position for start of bend.
Unique offset position of pivots eliminates pinching of tube at start of bend.
Handles are still wide apart when completing a full 180° bend... no knuckle cracking.

Model No.	Tubing Size	Radius to Center of Tube	Wt. lbs.
No. 393	3/16" O.D.	7/16"	1/2
No. 394	1/4" O.D.	9/16"	1
No. 395	5/16" O.D.	11/16"	1 1/2
No. 396	3/8" O.D.	15/16"	2 1/4
No. 397	7/16" O.D.	1 1/2"	4
No. 398	1/2" O.D.	1 1/2"	4 1/4

RIDGID Spring-Type Tube Benders



Eight Sizes for 1/4" through 7/8" O.D.

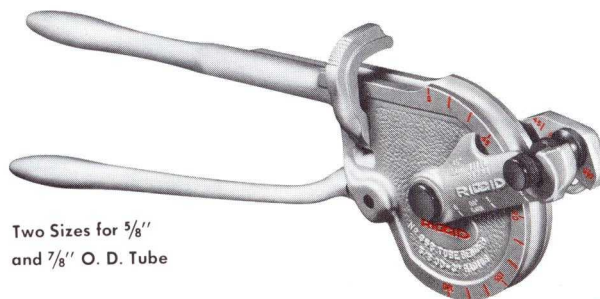
For fast, safe, free-form bending of soft copper and aluminum tube, RIDGID Spring-Type Benders meet all government specifications. Coil springs fit tube snugly... prevent deformation at point of bend. For shorter radius bends on small diameter tube, bender wire is proportioned to tube size. Plated springs stay new looking for years.

Bender No.	Tube O.D.	Length	Bender No.	Tube O.D.	Length
D-1375	1/4"	10"	D-1379	1/2"	12"
D-1376	5/16"	10"	D-1380	5/8"	12"
D-1377	3/8"	10"	D-1381	3/4"	12"
D-1378	7/16"	12"	D-1382	7/8"	12"

Available singly or in sets:

Set No. E-5732 (set of 6) 1/4" - 5/8"Weight 1 3/4 lbs.
Set No. E-5734 (set of 8) 1/4" - 7/8"Weight 3 lbs.

RIDGID Geared Ratchet Lever-Type Tube Benders



Two Sizes for 5/8"
and 7/8" O. D. Tube

**Geared High Mechanical Ratios
Let You Bend:**

Heavy-Wall Steel Tube (up to 1/8" wall thickness)

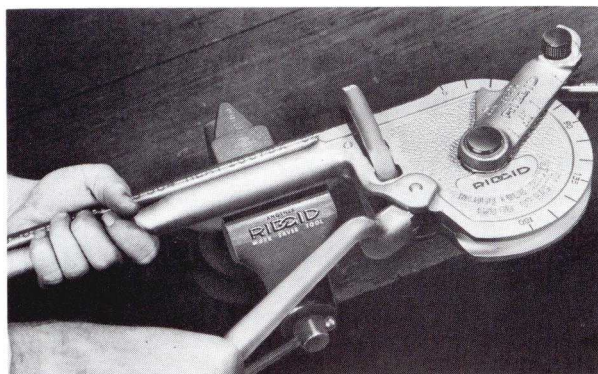
Stainless Steel Tube (up to 3/32" wall thickness) and

Hard Copper Water Tube (types K and L)

Made of high-strength aluminum for handling ease, these new RIDGID Ratchet Tube Benders will produce distortion-free bends up to 180° . Pre-heating of tube or the need of special temper grade tube have been eliminated.

Special, no-feed-thru design permits easy positioning of bender at any desired point on tube. After bend is formed, latch and drive arm on top of bender are swung back for easy disengagement of bender and tube. "Gain marks" on drive arm assure accurate pre-cutting of tube to length for time and material savings. Alignment marks on drive arm give bending accuracy.

Long ratchet handle and geared 13 to 1 (Model No. 358) and 18 to 1 (Model No. 378) mechanical ratios reduce bending effort to a minimum. Bending roller is free-turning to eliminate friction. Special clamping pad on bottom of form handle allows vise mounting when desired.



RIDGID No. 358 Ratchet Tube Bender, 5/8" O.D. Tube (1/2" Nominal Water Tube) Capacity, 3" Radius to Center Line of Tube.....Weight 7 1/2 lbs.

RIDGID No. 378 Ratchet Tube Bender, 7/8" O.D. Tube (3/4" Nominal Water Tube) Capacity, 3 3/4" Radius to Center Line of Tube.....Weight 13 1/2 lbs.

RIDGID Power Benders

The Only Portable, Electrically Operated Benders
That Produce Up to 6 Accurate Bends Per Minute On

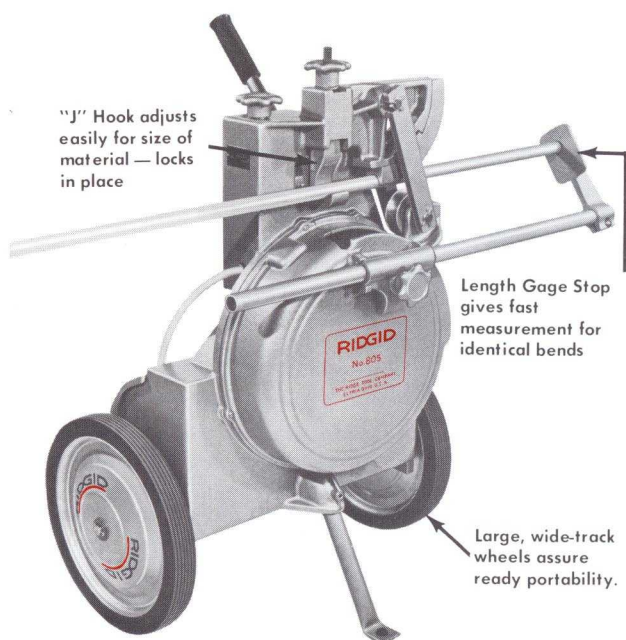
- 1/2", 3/4" and 1" Rigid Conduit and EMT • 1/2", 3/4" and 1" Pipe (Including Extra Heavy) •
- *All 1/2" through 1" Copper (types K & L) and Steel Tube • *Up to 7/8", Round, Hex or Square Bar, 1 1/4" EMT and 1 1/2" Channel Stock.

*Information upon request for special shoes.

See a RIDGID Power Bender in operation and you'll know that it offers important savings through lower costs ... better bends. Though it weighs slightly over 200 pounds it's easy to move on large, wide-track wheels. Setups for size, bend radius, angle of bend and type of material to be bent are quickly made ... without tools. Virtually any type of bend can be accurately produced. Bend chart provides easy calculation of

doglegs, offsets, saddles and back to back bends ... no expensive trial and error. Handy length gage saves time when making identical stub bends. When bending long lengths, where overhead height is limited, the Bender can be laid back and rested on its handle in a horizontal position.

See Catalog Sheet No. 64-D for Complete Details, Listing of Accessories and Extra Bending Shoes.



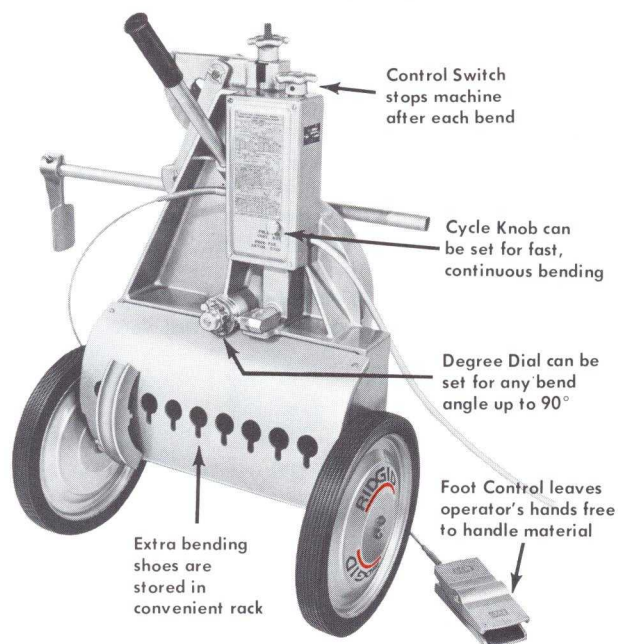
RIDGID No. 805 Power Bender

Speed: Up to 3 bends per minute.

Capacity: 1/2", 3/4", and 1" Rigid Conduit and Pipe — (including Extra Heavy) with the 2 standard Bending Shoes furnished. Other Bending Shoes are available for 1/2", 3/4", 1", and 1 1/4" EMT; 1/2" through 1" Copper (types K & L) and Steel Tube; up to 7/8" Round, Hex or Square Bar and 1 1/2" Channel.

Weight: 225 1/2 pounds.

Standard Equipment: 1/2 H.P. capacitor start, high torque induction motor; 60:1 gear reduction; Bend Degree Dial with microswitch; Length Gage Stop (Tube not furnished, use 1" EMT); 1 Forming Roll; 2 Bending Shoes with 5" radius (1/2" and 3/4") and (1") Rigid Conduit and Pipe.



RIDGID No. 805-S (Speedy) Power Bender

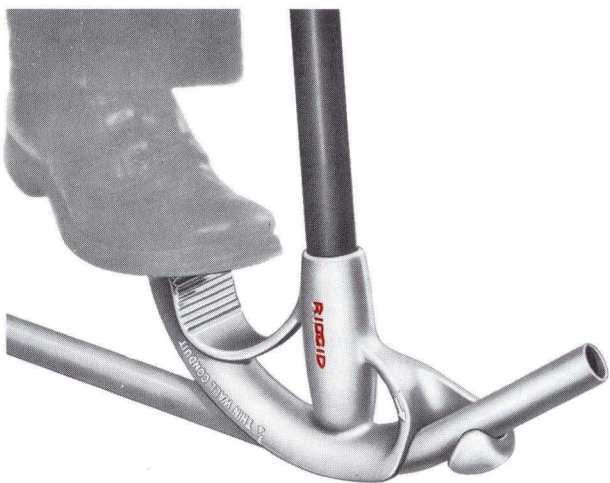
Speed: Up to 6 bends per minute.

Capacity: 1/2", 3/4", and 1" Rigid Conduit and Pipe (including Extra Heavy) with the 2 standard Bending Shoes furnished. Other Bending Shoes are available for 1/2", 3/4", 1", and 1 1/4" EMT; 1/2" through 1" Copper (types K & L) and Steel Tube; up to 7/8" Round, Hex or Square Bar and 1 1/2" Channel.

Weight: 235 pounds.

Standard Equipment: 3/4 H.P. capacitor start, high torque induction motor; 30:1 gear reduction; Bend Degree Dial with microswitch; Foot Control for high speed production; Cycle Control Knob; Length Gage Stop (Tube not furnished, use 1" EMT); 1 Forming Roll; 2 Bending Shoes with 5" radius (1/2" and 3/4") and (1") Rigid Conduit and Pipe.

RIDGID Thin-Wall Conduit Benders



3 Sizes for 1/2" through 1" Thin-Wall Conduit, 1/2" and 3/4" Heavy-Wall Conduit

Cast of high-strength malleable, these RIDGID Conduit Benders have an exceptionally smooth typically RIDGID quality finish. Bending grooves conform to Standard Code Radii. Smooth side walls grip conduit snugly . . . minimize distortion. Non-slip step provides for steadying foot pressure. Easy-to-see arrows give accurate guide for back-to-back and stub bends. (Handles not included.)

		Wt. lbs.
B-1677	Bends 1/2" Thin-Wall Conduit to 4" Inside Radius	2 1/2
B-1678	Bends 3/4" Thin-Wall and 1/2" Heavy-Wall Conduit to 5" Inside Radius	4 1/2
B-1679	Bends 1" Thin-Wall and 3/4" Heavy-Wall Conduit to 6 1/2" Inside Radius	8 1/2

RIDGID Hickey-Type Heavy-Wall Conduit Benders

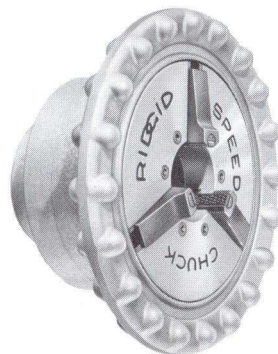
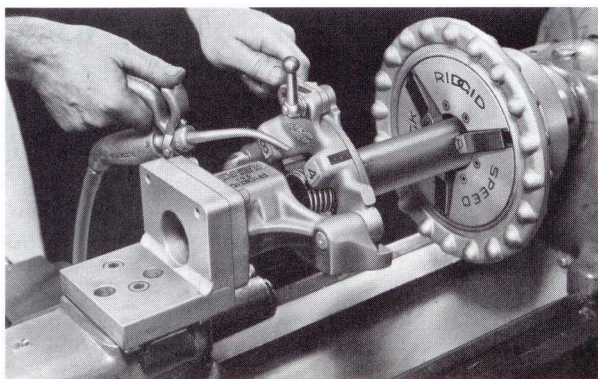


2 Sizes for 1/2" through 1 1/4" Heavy-Wall Conduit

Handle threads are at bottom of extra-long supporting socket to minimize handle breakage. Face of bender has hardened teeth for non-slip grip. Notch in radius protects conduit threads. (Handles not included.)

		Wt. lbs.
B-1711	Bends 1/2" and 3/4" Heavy-Wall Conduit	2 3/4
B-1712	Bends 3/4", 1" and 1 1/4" Heavy-Wall Conduit	7 3/4

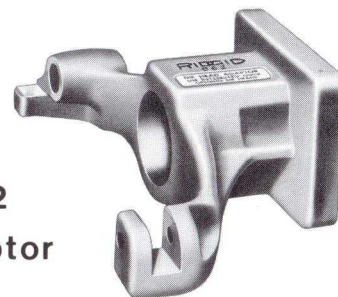
RIDGID Attachments Convert Any Lathe or Drill Press into a Threading Machine for 1/8" through 2" Pipe, 1/4" through 2" Rod



RIDGID No. 963 Lathe Speed Chuck

Wt. Lbs. 39 1/2

When fitted on lathe spindle, this fast-action, hand operated chuck saves valuable "set-up" time. Work can be chucked from front or rear, without completely stopping lathe. Rocker-action jaws grip tighter as more torque is applied, yet always release easily by hand. Chuck gives positive grip on any work up through 2 3/8" diameter.



RIDGID No. 962 Die Head Adaptor

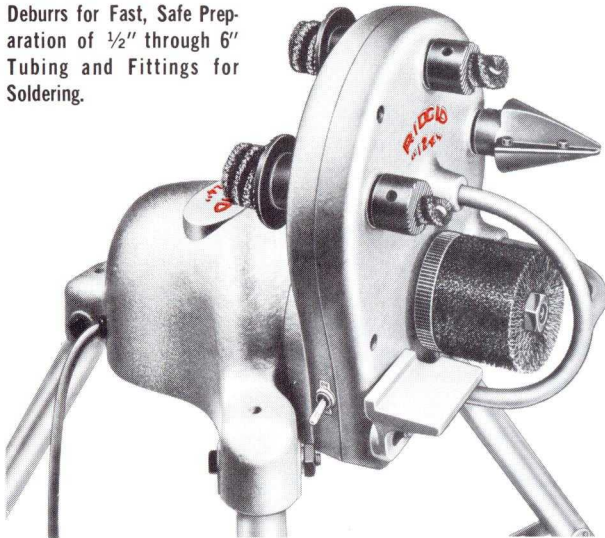
Wt. Lbs. 12

Rugged Die Head Adaptor holds any RIDGID Quick-Opening Machine Pipe or Bolt Die Head. Die Heads snap-lock quickly into Adaptor. Mounting pad is easily drilled for exact fit on lathe or drill press table.

RIDGID No. 124

Copper Cleaning Machine

Brushes, Reams, Faces and Deburrs for Fast, Safe Preparation of $\frac{1}{2}$ " through 6" Tubing and Fittings for Soldering.



Weights Only 62 lbs. with Folding Tripod

Here's a machine that gives real production line speeds. One man can prepare fittings while another prepares tube. All operations are performed at **safe speeds**. If fitting slips, it can be regrasped without stopping machine. External cleaning brush and deburring cutter rotate away from rest plate. Tube can't jam.

Facing cutters are mounted behind internal brushes. You save time by doing two operations at once. External deburring cutter, at rear of $3\frac{1}{4}$ " brush, removes burrs and bevels tube ends for easy fit into fittings while brush cleans tube surface. Five internal cleaning brushes can be mounted on machine. Remaining 4 brushes and Allen wrench are held in stand tray by rubber grommets.



Brushes rotate in one direction only. Minimum flexing extends brush life. Six of the brushes and the 5 facing cutters are interchangeable. Cutter wear can be distributed over a broad surface. Replaceable reamer blade is made of hardened tool steel. Sturdy tripod gives a rigid work base, even on uneven ground. Legs fold and chain-lock for easy carrying.

STANDARD EQUIPMENT: Motor — Heavy-duty, induction type available in 115 or 230 volts — 50/60 cycles — AC, single phase only with 15-ft. oil resistant cord. 9 Internal Cleaning Brushes — heavy-duty wire for $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", 2", $2\frac{1}{2}$ ", 3" and 4" fittings. Five Facing Cutters — hardened steel for $\frac{1}{2}$ " through 2" fittings. External Cleaning Brush and Deburring Cutter for $\frac{1}{2}$ " through 4" tube. Reamer — cone shaped with replaceable blade for $\frac{1}{2}$ " through 2" tube. Allen Wrench used to change brushes and facing cutters.

RIDGID No. 126

Facing Cutter

4" Capacity

This accessory facing cutter speeds preparation of all $\frac{3}{4}$ " through 4" fittings.

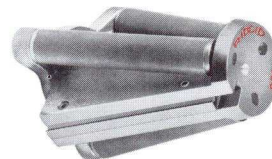
Cast disc holds hardened steel insert that faces fitting ends. Cutter is securely fastened on fitting brush arbor by single set screw.



RIDGID

No. 128 Reamer

4" Capacity



This large capacity reamer has a single replaceable hardened steel blade that reams $2\frac{1}{2}$ " through 4" tube.

Three roller design greatly reduces friction for fast, smoother reaming. Tube easily held by hand.

Fitting Brushes

$\frac{1}{4}$ " and $\frac{3}{8}$ "

These two small internal cleaning brushes, primarily used for refrigeration and air conditioning, can be used with any of the standard facing cutters.



8 Heavy-Duty Internal Cleaning Brushes for 1" through 4" Fittings

Designed especially for users installing large quantities of pressure or DWV fittings. Offer **faster cleaning** and **5 to 10 times longer brush life**. Construction is similar to heavy-duty industrial type hard steel wire brushes.

Sizes 1", $1\frac{1}{4}$ " and $1\frac{1}{2}$ " have integral arbors. Two undercuts on each arbor assure proper depth positioning in machine... deep cleaning depth for pressure (water) pipe, shallow cleaning for DWV.

Sizes 2", $2\frac{1}{2}$ ", 3", $3\frac{1}{2}$ " and 4" must be used with No. E-6128 Arbor. These sizes of heavy-duty brushes have hubs and are secured to the arbor with a set screw by using standard wrench furnished with RIDGID No. 124 Machine. Hub should face machine for pressure (water) fittings and outward for DWV fittings.

5" & 6" Heavy-Duty Internal Cleaning Brushes



These brushes are suitable for use on both pressure and DWV fittings. No. E-6212-X Arbor serves both sizes. Brushes are quickly secured to arbor by single hex bolt. Arbor is attached to machine spindle by set screw.

RIDGID No. 1200 Hack Saw



Non-adjustable ... for 12" Blade only

Check these exclusive features that make this the world's most versatile hacksaw. Rugged steel and aluminum frame is only 16" long yet holds a 12" blade. Compactness gives fast, long blade cutting even in close quarters. Lever action gives greater blade tension for straighter cuts. . . longer blade life. 6 extra blades can be stored in backbone of frame. . . ready for instant use. When in normal vertical position, blade is fully supported in machined slots at each end of frame. . . blade can't twist but is flush with bottom of frame for fast cuts right down to surface. When mounted horizontally, blade gets full width support from bottom of frame. . . this is extra handy to cut off bolts, nails, etc. flush with surface.

RIDGID No. 1200 Hack Saw complete with one RIDGID No. 1224-A Standard Flexible Blade 1 1/4 lbs.

RIDGID Hack Saw Blades



Choice of Standard or High-Speed Blades in 10" or 12" Lengths

RIDGID Standard Flexible Hack Saw Blades:

These aluminum colored blades are especially designed for general use by plumbers, electricians, maintenance men, and home handymen. Teeth have been hardened. Blades are ideal for use on pipe, tubing, BX cable, wire-mold, sheet metal, low carbon grades of steel and non-ferrous material.

RIDGID High-Speed Flexible Hack Saw Blades:

These are extra rugged blades that can really take it and still stay sharp. Blades are made of molybdenum. Teeth have been hardened for lasting sharpness. Blade body retains maximum flexibility for fast sawing under adverse conditions.

Standard Blade No.	Blade Size	Teeth To Inch	High-Speed Blade No.	Blade Size	Teeth To Inch
1018-A	10x1/2x.025	18	1018-HS	10x1/2x.025	18
1024-A	10x1/2x.025	24	1024-HS	10x1/2x.025	24
1032-A	10x1/2x.025	32	1032-HS	10x1/2x.025	32
1218-A	12x1/2x.025	18	1218-HS	12x1/2x.025	18
1224-A	12x1/2x.025	24	1224-HS	12x1/2x.025	24
1232-A	12x1/2x.025	32	1232-HS	12x1/2x.025	32

Hack Saw Blades are sold in multiples of 50 only.

RIDGID No. 1012 Hack Saw



Adjustable for 10" and 12" Blades

This rugged, adjustable hack saw is a real pleasure to work with. Front end and handle are diecast aluminum. They both give you a smooth, comfort grip. There are no bolts or rivets to come loose. Backbone of frame is steel tubing. Entire unit locks together solidly and is virtually untwistable. Front and rear blade stretchers are held in square holes. Blades stay straight. . . last longer. Adjustment for 10" and 12" blade lengths is fast and easy. Locking screw extends completely through assembly and at least 2 1/2" of backbone is engaged in handle for positive, solid alignment.

RIDGID No. 1012 Hack Saw complete with one RIDGID No. 1024-A Standard Flexible Blade 1 1/8 lbs.

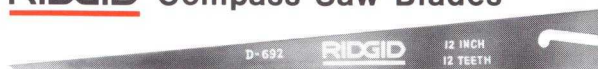
RIDGID No. 1205 Compass Saw Handle

Here's a rugged, aluminum handle designed for easy use. It can't break, rust or chip. There's a natural grip for thumb and fingers of left hand as well as right for ease of 2-handed operation when needed. Square holes on both sides of handle hold square shank of bolt for easy, one-handed tightening or loosening of wing nut when changing blade. Blade can be reversed for sawing down to a surface.

RIDGID No. 1205 Compass Saw Handle, Chrome 1/2 lbs.
RIDGID No. 1204 Compass Saw Handle, Enameled 1/2 lbs.



RIDGID Compass Saw Blades



All RIDGID Compass Saw Blades offer the time-saving "Magic-Slot" for fast blade changing or reversing. Ends are pointed for ease of use in small holes.

2 Metal Cutting Blades

These carbon steel blades are fully hardened for maximum cutting life. Teeth are accurately milled and set.

Number	Length	Teeth
D-688	12"	24
D-689	12"	10

Special Plywood Cutting Blade

Made of spring tempered steel, this blade's teeth have a special fleam angle to prevent tearing.

Number	Length	Teeth
D-692	12"	12

4 Wood Cutting Blades

These heavy duty blades are designed for general trade use. Spring tempered steel assures exceptional toughness and hardness. Teeth are sharp, uniform and accurately set. Finish is polished and lacquered.

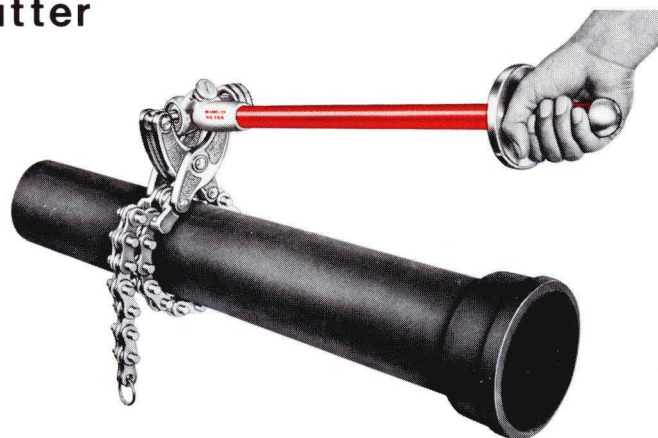
Number	Length	Teeth	Number	Length	Teeth
D-690	8"	8	D-693	12"	8
D-691	10"	8	D-694	14"	8

RIDGID Compass Saw Blades are sold in multiples of 10 only.

RIDGID No. 206 Soil Pipe Cutter

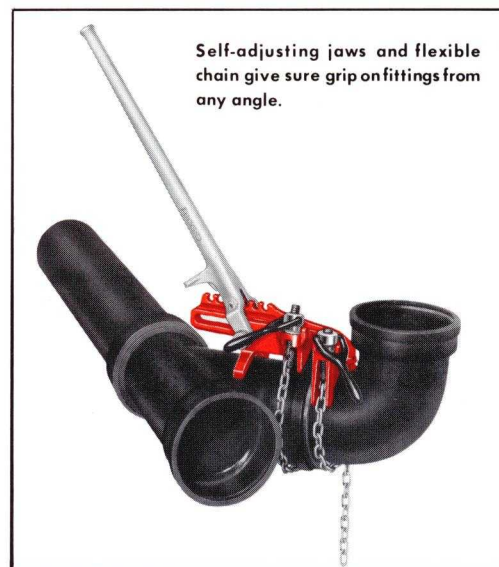
**Lightest, Most Compact, Most Powerful
In Its 2" Through 6" Size Range**

200 to 1 mechanical advantage gives this light (18 lbs.), compact cutter plenty of power to cut all 2" thru 6" clay, cast iron, asbestos, cement pipe and 4" water main. One man handles it easily in tightest quarters. Since ratchet action parallels pipe, pipe becomes second lever and helper as well. A few easy pumps of handle tighten chain until pipe is severed. Hand guard protects operator's knuckles at time of cut. Made of all alloy, heat-treated steel, all parts are plated or painted . . . will not corrode. Threaded parts are sealed to keep dirt and moisture out . . . lubrication in. Shipping weight 21 lbs.



RIDGID

No. 228 Soil Pipe Assembly Tool



Self-adjusting jaws and flexible chain give sure grip on fittings from any angle.

Here's the only assembly tool that handles all 2" through 8" gasketed soil pipe without extra, loose attachments. No parts to get lost or left behind. Self-adjusting jaws and flexible, kinkproof chains assure easy assembly of Y, tee and elbow fittings, as well as straight lengths.

Construction of RIDGID No. 228 Soil Pipe Assembly Tool resists clogging with tar and dirt even in wet, muddy conditions. Slim, compact design permits use in narrow trenches, in corners or on lines close together. Light weight and a high mechanical ratio let one man assemble even large sizes, fast and easily. Removal of aluminum handle facilitates vertical and overhead pipe assembly. When used on verti-

cal pipe, tool can be hung by its jaws on installed section. This leaves both hands free for fast tool attachment and positioning of next pipe length.

Tool centers pipe or fitting and guides it into hub. A few pulls on ratchet-action handle quickly complete assembly. If fitting is accidentally installed at wrong angle, disassembly can be made without any tool adjustment. Simply reverse handle action.

No.	Capacity	Wt. Lbs.	Shipping Wt. Lbs.
No. 228 Soil Pipe Assembly Tool	2" thru 8"	20½	22½

Measuring Tapes and Folding Rules

All items are packaged in individual display holders



RIDGID

Automatic Locking Steel Tapes

Push-Button Gives Controlled Rewind



Combination painted and chrome case has push-button for controlled rewind of tape. Tape automatically stops at desired position as tape is pulled out. Thumb latch gives positive locking when desired. Rugged black clip is removable. White, steel tape has large, easy-to-read red and black figures that give measures in both feet and inches and consecutive inches. Color coded blocks clearly mark each foot and 16" centers. Special epoxy coating gives tape lasting protection. Back of 12' No. 632 tape gives direct readings for inside measures, as well as ten handy reference tables, such as screw, nail, lumber, pipe and tube sizes.

Number	Width	Length	Weight lbs. 6 Per Box	Refill Number
621	1/2"	10'	3 1/8	E-637
632	3/4"	12'	3 3/4	E-640
636	3/4"	16'	3 1/2	E-643

RIDGID

Manual 10' Steel Tape

Color Coded White Blade Gives 16" Centers



Thin, lightweight case with bright chrome finish is small enough to carry in your pocket, or it can be secured on handy, removable belt clip. Replaceable tape, with self-adjusting end hook, has long-lasting epoxy finish. Top, red figures give measures in feet and inches. Bottom, black figures give measures in inches. Color blocks signal each foot and 16" centers. Bottom edge of first foot of tape is graduated in 32nds. Rest of tape gives measures to nearest 16th.

Number	Width	Length	Weight lbs. 6 Per Box	Refill Number
617	1/2"	10'	1 3/4	E-637

RIDGID

General Purpose Steel Tapes

3/8" Tape Marked One Side Only—Hook Ring

Durable case has vinyl covering over rust-resistant coated steel liner. All fittings are nickel plated. Fold-in-rewind handle is opened easily by push pin. Easy-to-read white steel tape shows inches in black, feet in red. 16" centers are clearly indicated. Replaceable mar-resistant tapes have triple baked finish on bonderized steel. Smooth surface is easy to clean. Folding end hook holds firmly yet is easily released.

Number	Width	Length	Weight lbs. Each	Refill Number
650	3/8"	50'	1 1/16	E-645
655	3/8"	100'	1 13/16	E-647

RIDGID

Heavy Duty 6' Extension Rule



Graduated 6" brass slide, that is fitted into one section, gives accurate inside measurements. Bold, black figures give measurements in inches to the nearest 16th. Red figures indicate 16" centers. All markings are embedded in the wood. Rule has a durable, clear epoxy coating. Extra long heavy brass spring joints triple lock to prevent end play. Solid brass end caps are flush inset and are graduated. Made of extra sturdy straight grained hardwood, one-third heavier than regular folding rules. These rules are rugged yet flexible.

Number	Width	Length	Weight lbs. 6 Per Box
620	5/8"	6'	2 1/4



No. 619
Outside Reading

RIDGID

Regular 6' Folding Rules



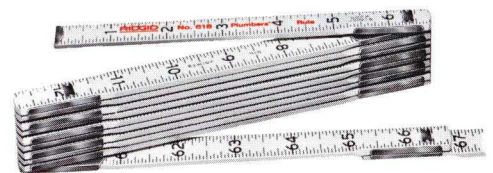
No. 619F
Inside Flat Reading

Made of the finest hardwood, these flexible but strong rules have a white enamel finish with bold, black horizontal figures and 1/16" graduations on both edges of both sides. 16" centers have bold red markings. Finish is protected by a durable epoxy coating. Solid brass, concealed lock-joints, at each 6" fold, prevent end-play for measuring accuracy. Brass strike plates and end caps resist wear.

Number	Width	Length	Weight lbs. 6 Per Box
619 and 619F	5/8"	6'	1 3/4

RIDGID

6' Plumbers' and Steamfitters' Rule



Large, vertical, black figures on one side of this rugged white enamel rule indicate inches to the nearest 1/16 inch. On the reverse side, horizontal, red figures give the corresponding 45° scale, inches to 16ths. You get fast, accurate 45° elbow measurements. Rule has brass end caps and strike plates and tough epoxy coating for long wear. Concealed lock-joints prevent end-play even when rule is fully extended.

Number	Width	Length	Weight lbs. 6 Per Box
618	5/8"	6'	1 3/4

Thread Sizes and Specifications

PIPE		BOLT					"ACME" GENERAL PURPOSE High Speed Dies Only Threads per Inch
DIAM.	U. S. STANDARD PIPE THREADS (N.P.T.) (N.P.S.M.) Threads per Inch	U. S. STANDARD					
		NATIONAL COARSE (N.C.) Threads per Inch	NATIONAL FINE (N.F.) Threads per Inch	8 PITCH (8 N)	12 PITCH (12 N) Threads per Inch	16 PITCH (16 N) High Speed Dies Only	
1/8	27						
1/4	18						
5/16		20	28				
3/8	18	18	24				
7/16		16	24				12*
1/2	14	14	20				12*
9/16		13	20		12*		10*
5/8		12	18				
11/16		11	18		12*		8*
3/4	14				12*		
13/16		10	16		12*		6**
7/8					12*	16*	
15/16		9	14		12*	16*	6**
1"	11 1/2				12*	16*	
1-1/16		8	14		12*	16*	5**
1-1/8					12**	16**	
1-3/16		7	12	8**		16**	5**
1-1/4	11 1/2				12**	16**	
1-5/16		7	12	8**		16**	5**
1-3/8					12**	16**	
1-7/16		6	12	8**		16**	4**
1-1/2	11 1/2				12**	16**	
1-9/16		6	12	8**		16**	4**
1-5/8	Special				12**	16**	
1-11/16		5 1/2		8**		16**	
1-3/4					12**	16**	
1-13/16		5		8**		16**	4**
1-7/8	Special				12**	16**	
2"	11 1/2	5		8**		16**	
2-1/16		4 1/2		8**		16**	4**
2-1/8						16**	
2-3/16				8**	12**	16**	
2-1/4						16**	
2-5/16				8**	12**	16**	
2-3/8						16**	
2-7/16					12**	16**	
2-1/2	8					16**	
3"	8			8**	12**	16**	
3-1/2	8						
4"	8						
4-1/2	8						
5"	8						
6"	8						

*Dies available for 500-B 1/4" to 1" Die Head and 101 Threader only.

**Dies available for 500-B 1 1/8" to 2" Die Head only.

BRITISH STANDARD PIPE THREADS (B.S.P.T.)		BRITISH STANDARD WHITWORTH BOLT THREADS			METRIC THREAD (m/m)		
Size	Threads per Inch	Size	Threads per Inch		Size	(S.I.) Series "A"	Fine Series "B"
			B.S.W.	B.S.F.			
1/8	28	1/4	20	26*	6*	1.	0.7
1/4	19	5/16	18	22*	7*	1.	0.75
3/8	19	3/8	16	20*	8*	1.25	1.
1/2	14	7/16	14	18*	9*	1.25	1.
3/4	14	1/2	12	16*	10*	1.5	1.
1"	11	9/16	12	16*	11*	1.5	1.
1-1/4	11	5/8	11	14*	12*	1.75	1.5
1-1/2	11	3/4	10	12*	14*	2.	1.5
2"	11	7/8	9	11*	16*	2.	1.5
2-1/2	11	1"	8	10*	18*	2.5	1.5
3"	11	1-1/8	7	9**	20*	2.5	1.5
3-1/2	11	1-1/4	7	9**	22*	2.5	1.5
4"	11	1-3/8	6	8**	24*	3.	2.
4-1/2	11	1-1/2	6	8**	27**	3.	2.
5"	11	1-3/4	5	7**	30**	3.5	2.
6"	11	2"	4 1/2	7**	33**	3.5	
					36**	4.	
					39**	4.	
					42**	4.5	
					45**	4.5	
					48**	5.	
					52**	5.	



Guarantee

Pre-Tested Work Saver Tools

Every RIDGID Work Saver Tool is individually tested before shipment. You are assured of dependable accuracy, long service life.

All RIDGID Machines, Power Drives and Hand Tools are fully guaranteed against defects in workmanship and material. Claims cannot be allowed until questioned material has been received and inspected at the factory.

Federal Specifications Covering **RIDGID** Work Saver Tools

RIDGID Wrenches comply with Federal Specifications GGG-W-651-d:

- RIDGID Heavy-Duty Pipe Wrenches; Type II, Class A, Fig. 3.
- RIDGID End Wrenches; Type VI, Class A, Fig. 8.
- RIDGID Improved Stillson Wrenches; Type I, Normal Duty, Class A, Fig. 1.
- RIDGID Strap Wrenches; Type V, Fig. 7.

RIDGID Adjustable Wrenches comply with Federal Specifications GGG-W-631-b:

- Type I, Class 1, Fig. 1.

RIDGID Spud Wrenches comply with Federal Specifications GGG-W-631-b:

- Type III, Monkey Wrench, Fig. A.

RIDGID Ratchet Pipe Reamers, Straight or Spiral comply with Federal Specifications GGG-180-a:

- Type VII, Class 1, Fig. 19.

RIDGID Pipe Threaders comply with Federal Specifications GGG-T-581-b:

- RIDGID 65 Series, 1" to 2", Self-Contained Threaders; Type III, Class 5, Fig. 10.
- RIDGID Poster Threaders, 1" to 2"; Type III, Class 4, Fig. 9.
- RIDGID Nos. 00-R, 111-R, 0-R, 11-R, 12-R Ratchet Threaders; Type III, Class 1, Fig. 5.
- RIDGID Nos. 30-A, 31-A, 3-Way Threaders; Type III, Class 2, Fig. 6.

RIDGID Geared Threaders: 4PJ and No. 141, Type III, Class 6, Size A, Fig. 11.

RIDGID Pipe Cutters and Tube Cutters comply with Federal Specifications GGG-C-771-b:

- RIDGID Pipe Cutters; Type I, Class 1, Style A and B, Fig. 1.
- RIDGID Tube Cutters; Nos. 10, 15 and 20; Type II, Class 2, Fig. 6.
- RIDGID Tube Cutters; Nos. 105 and 205; Type II, Class 1, Fig. 5.

RIDGID Tubing Benders comply with Federal Specifications GGG-B-191-a:

- RIDGID Lever-Type; Type III, Class 2, Fig. 5b; Lever Actuated, Single Size.
- RIDGID Spring-Type; Type IV, Table VI, Fig. 6.

RIDGID Bench Vises comply with Federal Specifications GGG-V-00415:

- RIDGID Chain Vises; Type I, Class 1, Fig. 1.
- RIDGID Yoke Vises; Type I, Class 2, Fig. 2.

RIDGID Thin-Wall Conduit Benders comply with Federal Specifications GGG-B-175:

- Type II, Fig. 2. RIDGID No. B1677, B1678, B1679.

RIDGID Hickey-Type Heavy Wall Conduit Benders comply with Federal Specifications GGG-B-175:

- Type I, Fig. 1. RIDGID B1711, B1712.

RIDGID Extractors comply with Federal Specifications GGG-E-00936:

- RIDGID Screw Extractors; Type I, Class 3, Style A, Fig. 4.
- RIDGID Pipe Extractors; Type I, Class 3, Style B, Fig. 5.

RIDGID Pipe and Bolt Threading Machines comply with Federal Specifications OO-T-290:

- RIDGID 500, and 535 Machines, Type I, Class 1 or 2, Style A, Fig. 1.

RIDGID Taper Pipe Taps, Carbon Steel, comply with Federal Specifications GGG-80; Type I.

Ridge Patents

Nipple Chuck	2,574,001	500-535 Oil System.....	2,916,749	205 Tubing Cutter.....	3,022,575
4 P J Threader.....	2,584,463	Chuck Jaw Inserts	2,778,652	All Pipe Cutters	3,031,237
Drop Head Threaders	2,600,776	Vise Stands.....	2,831,583	T. C. Workholder	3,049,737
Tool Tray—400 Power Drive..	2,666,609	RIDGID No. 318 Oiler	2,863,396	500-535 Machines.....	3,095,772
502-504 & All Machine Heads	2,680,256	10-15-20 Tubing Cutters	2,871,733	Cable Trimmer	3,117,375
Pipe Wrenches	2,680,396	300 Chuck.....	2,891,799	Lever-Type Tube Benders.....	3,194,038
65R & 65R-TC.....	2,680,861	Top Screw Vises	2,923,190	124 Copper Cleaning Machine	3,195,367
Speed Grip Chuck.....	2,745,670	141 & 161 Threaders.....	2,923,591	and	3,195,377
Pipe Supports	2,705,119	457, 459, 376 Flaring Tools..	2,998,839	Aluminum Handle	
500-535 Oil Pump	2,748,716	454-W, 455, 375 Flaring Tools	3,050,103	Offset Wrench	3,211,030
Speed Grip Chuck.....	2,756,061	311 Carriage	3,009,178	206 Soil Pipe Cutter	3,221,962
500-535 Oil System.....	2,768,550	Hex Wrenches	3,015,246	and	3,307,760